

PARAGRAPHS GENERATED FOR THIS ASSEMBLY

4010	52011 0	40030 0	64731 0	14085 1	52011 0	34055 0	56006 1	13416 0
4020	52011 0	34063 0	56006 1	12000 1	52011 0	34056 0	56006 1	13613 1
4030	52011 0	34057 1	56006 1	12103 0	52011 0	34056 0	56006 1	13638 0
4040	52011 0	34060 0	56006 1	13342 0	52011 0	34061 1	56006 1	12476 1
4050	52011 0	34062 1	56006 1	15225 0	C' 12063 1	C' 02063 0	C' 16060 0	C' 16067 1
4060	C' 12060 1	C' 56067 0	C' 04060 0	C' 14062 0	C' 04060 0	00006 1	65226 1	00006 1
4070	31313 1	52006 0	C' 04025 1	C' 10003 0	C' 14031 0	C' 20033 0	C' 24017 1	C' 30036 1
4100	C' 34034 1	C' 40023 1	C' 44035 1	C' 50037 0	C' 54000 0	C' 60000 1	05301 0	C' 00014 1
4110	04574 0	C' 10000 0	C' 00024 1	C' 00031 0	00004 0	54001 1	50002 0	30000 1
4120	24002 0	60000 1	54061 1	10001 1	14133 0	14133 0	24000 1	54001 1
4130	40025 1	50061 0	55051 0	40001 1	50061 0	52751 0	00003 1	00002 0
4140	34160 1	71022 1	00006 1	14145 1	04146 0	31020 1	54023 1	30023 0
4150	04555 0	C' 62336 0	34714 1	55013 0	31022 0	04271 1	04157 0	05112 0
4160	C' 37600 0	04400 1	41041 1	55013 0	04555 0	C' 62336 0	04574 0	C' 62002 1
4170	22007 0	54123 0	34675 1	71021 1	61012 0	10000 0	00002 0	34712 1
4200	60002 0	55037 0	23022 0	04220 0	34215 0	56006 1	00006 1	04007 1
4210	55040 0	34215 0	00006 1	01007 1	02000 0	C' 62101 0	53040 0	05122 0
4220	34674 0	55021 1	00002 0	22002 0	04234 0	04240 0	30001 0	74747 0
4230	60004 0	55042 1	05070 0	05112 0	11042 1	04243 0	00002 0	04243 0
4240	11043 0	04243 0	00002 0	05622 1	C' 01206 1	34215 0	00006 1	01007 1
4250	34256 1	55013 0	44374 1	54777 1	04574 0	C' 61351 1	C' 00042 1	34215 0
4260	00006 1	01007 1	34270 0	55013 0	44374 1	54777 1	04574 0	C' 61343 1
4270	C' 00041 1	74716 1	54123 0	34675 1	71021 1	61012 0	10000 0	00002 0
4300	24002 0	10123 0	14304 0	00002 0	22002 0	34316 1	56006 1	00006 1
4310	04007 1	52131 0	34215 0	00006 1	01007 1	03406 0	C' 60101 1	55017 1
4320	54003 0	74373 0	64744 1	54145 0	00002 0	31017 0	14320 0	54003 0
4330	74373 0	64744 1	00002 0	C' 00016 0	C' 00011 1	C' 00004 0	54020 1	40020 1
4340	40020 1	40020 1	40020 1	56020 0	00002 0	54022 0	40022 0	40022 0
4350	40022 0	40022 0	56022 1	00002 0	60000 1	60000 1	60000 1	60000 1
4360	60000 1	00002 0	C' 00037 0	C' 01740 0	C' 76000 0	05027 1	05140 1	05213 1
4370	05042 1	C' 30000 1	C' 03777 0	C' 00377 1	C' 00023 0	C' 00021 1	C' 00025 0	C' 00012 1



OCTAL LISTING FOR PARAGRAPH J 011, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, S'S DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED A1A (INTERPRETIVE OPERATOR WORDS) OR ACs (CONSTANTS)

4400	34704 0	00008 1	05011 1	00002 0	44704 1	00006 1	03011 1	00002 0
4410	34706 1	00006 1	05011 1	00002 0	00006 1	30025 0	52014 0	00002 0
4420	00006 1	30156 0	20156 1	60154 1	28154 0	54007 1	00002 0	54162 0
4430	00002 0	54135 1	10000 0	30135 0	17257 1	14433 0	44714 0	54154 0
4440	54155 1	54156 1	00002 0	34705 1	00006 1	05011 1	00002 0	44705 0
4450	00006 1	03011 1	00002 0	44460 0	60002 0	60004 0	04574 0	C' 10550 0
4460	C' 02003 0	22007 0	54123 0	34675 1	71021 1	61012 0	10000 0	14471 0
4470	14200 0	24002 0	14453 0	56002 0	54144 1	44675 0	00004 0	71021 1
4500	55021 1	11043 0	04504 1	04507 1	34714 1	57043 1	65074 1	00003 1
4510	44706 0	00006 1	03011 1	34714 1	55012 1	00144 0	56002 0	54144 1
4520	11043 0	04523 1	04507 1	34714 1	55012 1	00144 0	00004 0	00006 1
4530	00004 0	54001 1	00006 1	06004 0	00006 1	14541 1	00006 1	00004 0
4540	54001 1	44672 1	60001 0	00006 1	14527 1	00006 1	00003 1	00002 0
4550	00006 1	34554 1	15122 1	C' 02637 1	C' 66107 1	52134 0	50002 0	30000 1
4560	24002 0	54001 1	22004 0	74747 0	56002 0	52134 0	50002 0	02000 0
4570	56134 1	56004 0	56134 1	00133 0	56002 0	50000 1	30000 1	54004 1
4600	74747 0	56002 0	50002 0	12000 1	34747 1	70133 1	60134 1	00002 0
4610	54135 1	56004 0	00006 1	04007 1	56135 0	74747 0	56001 0	00004 0
4620	00006 1	01007 1	50001 0	32000 0	56135 0	00006 1	01007 1	00003 1
4630	54004 1	30135 0	00002 0	52073 1	50002 0	30000 1	24002 0	54001 1
4640	22004 0	74747 0	56002 0	52073 1	50002 0	02000 0	56073 0	56004 0
4650	56073 0	00072 1	54164 0	34703 1	54023 1	30006 1	54165 1	50002 0
4660	30000 1	54004 1	74747 0	56002 0	56164 1	14602 0	00006 1	01007 1
4670	00002 0	C' 37777 1	C' 37777 1	C' 57777 1	C' 40000 0	C' 20000 0	C' 10000 0	C' 04000 0
4700	C' 02000 0	C' 01000 0	C' 00400 0	C' 00200 0	C' 00100 0	C' 00040 0	C' 00020 0	C' 00010 0
4710	C' 00004 0	C' 00002 0	C' 00001 0	C' 77777 0	C' 00000 1	C' 00005 1	C' 00007 0	C' 00013 0
4720	C' 00015 0	C' 00017 1	C' 00030 1	C' 00032 0	C' 00045 0	C' 00046 0	C' 00050 1	C' 00055 1
4730	C' 00060 1	C' 00062 0	C' 00120 1	C' 00140 1	C' 00144 0	C' 00310 0	C' 00401 1	C' 00454 1
4740	C' 00620 0	C' 00777 0	C' 01124 1	C' 01211 1	C' 01400 1	C' 01426 0	C' 01776 0	C' 01777 1
4750	C' 02177 1	C' 02400 1	C' 03000 1	C' 03400 0	C' 05000 1	C' 06000 1	C' 07000 0	C' 11000 1
4760	C' 13000 0	C' 14000 1	C' 15000 0	C' 16000 0	C' 17000 1	C' 17770 1	C' 21000 1	64675 1
4770	55075 0	14773 1	41075 0	60000 1	55075 0	15006 0	57075 1	51075 1

OCTAL LISTING FOR PARAGRAPH J 012, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AI (INTERPRETIVE OPERATOR WORDS) OR AC (CONSTANTS)

5000	64673 1	40000 0	61075 1	55075 0	15006 0	15024 0	00006 1	71075 0
5010	55076 0	00006 1	74742 0	67706 1	00006 1	71076 0	67666 0	00006 1
5020	71075 0	20001 1	55075 0	00002 0	50000 1	44673 0	00002 0	00004 0
5030	65121 0	54063 0	00006 1	50002 0	30001 0	52066 0	35120 1	56004 0
5040	54061 1	12650 1	00004 0	54063 0	00006 1	50002 0	30001 0	52066 0
5050	35120 1	56004 0	12626 0	56002 0	67715 0	56002 0	15047 0	22002 0
5060	35120 1	56006 1	12727 0	40164 0	54001 1	35120 1	54006 0	12726 1
5070	54164 0	35120 1	54004 1	13017 0	00004 0	54065 0	44711 0	26002 1
5100	35120 1	56004 0	13044 0	00004 0	54063 0	35120 1	56006 1	54165 1
5110	30002 0	13113 0	35120 1	54004 1	13124 1	30061 0	54004 1	16710 0
5120	C' 02626 1	C' 00110 1	56001 0	00006 1	01007 1	54006 0	00001 0	C' 77677 1
5130	00004 0	54001 1	34672 0	26002 1	30006 1	00006 1	04007 1	56001 0
5140	00004 0	56002 0	54061 1	00006 1	50061 0	30001 0	54063 0	35155 0
5150	56006 1	13246 0	52062 1	64711 1	52006 0	C' 02063 0	50002 0	30000 0
5160	24002 0	56002 0	54063 0	30006 1	00006 1	04007 1	54001 1	35172 0
5170	54061 1	15147 1	15211 1	C' 72602 0	C' 73714 1	10076 1	15213 0	15213 0
5200	15201 0	11322 1	15213 0	15206 1	15213 0	15213 0	37672 0	05027 1
5210	C' 03542 1	C' 14063 1	15213 0	10734 0	35155 0	54006 0	13423 0	30016 0
5220	00006 1	01007 1	00006 1	22012 1	30016 0	56006 1	52011 0	00003 1
5230	50017 1	53140 1	00006 1	50002 0	30001 0	53134 1	00006 1	35242 0
5240	52006 0	C' 03461 1	C' 02063 0	50002 0	30000 1	24002 0	55011 1	35252 1
5250	22006 1	14577 1	C' 20344 0	50002 0	40000 0	61011 0	00006 1	16710 0
5260	16706 1	00004 0	50002 0	30000 1	24002 0	54072 0	74716 1	60000 1
5270	54071 0	30072 1	74765 0	00006 1	74677 1	56072 1	74674 1	54066 0
5300	15304 1	00004 0	34712 1	54066 0	50002 0	30000 1	24002 0	54065 0
5310	00006 1	35314 1	52006 0	C' 02355 0	C' 20103 1	22073 0	22006 1	22073 0
5320	74761 1	10000 0	15363 0	30062 0	74704 1	10000 0	15350 0	50061 0
5330	31052 1	54070 1	30062 0	74703 0	10000 0	15354 1	30002 0	54063 0
5340	30006 1	00006 1	04007 1	54064 1	35347 1	22073 0	52006 0	C' 02443 0
5350	50002 0	30000 1	24002 0	15331 1	00006 1	50002 0	30001 0	52064 1
5360	34711 1	26002 1	15344 0	74677 1	10000 0	15350 0	15327 0	22706 0
5370	22006 1	50000 1	30001 0	22006 1	22706 0	13573 1	22706 0	22006 1

ALL VALID WORDS ARE BASIC. INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACB (CONSTANTS)



OCTAL LISTING FOR PARAGRAPH J 014, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED A1 (INTERPRETIVE OPERATOR WORDS) OR AC (CONSTANTS)

6000	30007 0	00006 1	01006 0	00006 1	01005 0	00002 0	00003 1	00006 1
6010	22164 1	30008 1	54165 1	74674 1	54115 0	54023 1	16037 1	22006 1
6020	16011 0	00006 1	50116 1	30001 0	52155 1	34714 1	54156 1	54163 1
6030	30165 0	54006 0	10023 1	16046 1	10067 1	15063 0	24164 1	50164 1
6040	30000 1	10000 0	16331 1	C' 00177 0	54023 1	76043 1	54020 1	10020 1
6050	16216 0	16712 1	74712 0	10000 0	16115 0	50164 1	40001 1	10000 0
6060	16164 0	C' 77773 1	24164 1	54116 0	66220 1	10000 0	67712 1	16074 0
6070	30120 1	26116 0	50020 0	76242 1	00006 1	66105 0	74747 0	64747 1
6100	56116 1	60115 1	54004 1	50020 0	76242 1	74373 0	64744 1	56116 1
6110	54003 0	50020 0	76242 1	37702 0	54020 1	30120 1	54130 1	24164 1
6120	50164 1	40000 0	10000 0	24130 0	16125 0	54116 0	77711 0	00006 1
6130	16133 1	30115 1	26116 0	50130 0	40046 1	26116 0	77713 1	00006 1
6140	16153 1	77711 0	00006 1	16155 1	30116 1	54004 1	74747 0	64700 1
6150	54116 0	50020 0	36242 0	30120 1	16161 0	34744 1	56116 1	54003 0
6160	74373 0	26116 0	50020 0	36242 0	34374 0	70020 1	66171 0	10000 0
6170	16202 0	C' 77767 1	66061 0	10000 0	50000 1	46213 0	16204 0	50163 0
6200	46211 1	16204 0	50163 0	46213 0	26166 1	54116 0	50020 0	76242 1
6210	C' 00002 0	C' 00006 1	C' 00006 1	C' 00002 0	C' 00003 1	C' 00006 1	10020 1	16232 0
6220	C' 77722 0	24164 1	50164 1	30000 1	54117 1	34750 1	54004 1	70020 1
6230	50000 1	16303 0	54004 1	10020 1	50000 1	12000 1	10163 1	12017 1
6240	12017 1	12121 0	C' 00122 0	16454 0	17040 0	17624 1	17350 1	16652 1
6250	16437 0	16021 0	17573 0	16450 1	16567 1	16472 1	17303 1	16526 1
6260	16575 1	17306 1	17565 1	17543 0	17546 0	17552 0	17570 0	16720 0
6270	16716 0	17005 1	17300 1	17427 0	17374 1	16754 0	17031 0	16744 1
6300	16300 0	17541 1	17562 0	12371 1	12376 0	12401 1	12405 0	12411 0
6310	12417 0	12433 0	12442 0	12425 1	12436 0	12514 1	12521 1	12474 0
6320	12534 0	12543 0	12504 0	30165 0	54004 1	24164 1	50164 1	40000 0
6330	67716 0	54116 0	74372 1	56116 1	77671 1	00006 1	74706 0	50000 1
6340	16341 0	06371 1	16030 0	06363 1	16030 0	06366 1	16030 0	06371 1
6350	16427 1	06371 1	16113 0	06371 1	16432 0	06371 1	16435 1	06371 1
6360	34723 0	54020 1	16221 1	50120 1	40046 1	16370 1	50120 1	40047 0
6370	26116 0	40116 0	64727 1	10000 0	30120 1	16402 0	34744 1	56116 1



OCTAL LISTING FOR PARAGRAPH J 015, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACs (CONSTANTS)

6400	54003 0	74373 0	26116 0	00006 1	30155 0	50116 1	52001 1	10163 1
6410	16423 0	00002 0	00006 1	30160 0	50116 1	52003 0	00006 1	30162 1
6420	50116 1	52005 0	00002 0	30156 0	50116 1	54002 1	00002 0	37701 0
6430	54020 1	16055 0	34674 0	54020 1	16055 0	36056 1	16114 1	50116 1
6440	30002 0	54156 1	00006 1	50116 1	30001 0	52155 1	34712 1	16027 0
6450	22007 0	50116 1	30000 1	16024 0	00006 1	50116 1	30001 0	52155 1
6460	00006 1	50116 1	30003 1	52160 1	00006 1	50116 1	30005 1	52162 0
6470	44712 0	16027 0	00006 1	50116 1	30001 0	52155 1	50166 0	52001 1
6500	50163 0	36213 1	26166 1	10163 1	16521 0	16517 0	54163 1	54156 1
6510	52160 1	50166 0	51775 0	52162 0	50166 0	51777 1	16030 0	54156 1
6520	16030 0	54163 1	56156 0	50166 0	53777 0	16030 0	00006 1	50116 1
6530	30001 0	52155 1	50166 0	52001 1	50163 0	36213 1	26166 1	10163 1
6540	16557 1	16460 1	00006 1	50116 1	30003 1	52160 1	50166 0	51775 0
6550	00006 1	50116 1	30005 1	52162 0	50166 0	51777 1	16030 0	00006 1
6560	50116 1	30003 1	52160 1	30156 0	50166 0	53777 0	16464 0	24164 1
6570	50164 1	30000 1	50116 1	54000 0	16030 0	24164 1	50164 1	30000 1
6600	50116 1	60000 1	54004 1	74747 0	50000 1	32000 0	54117 1	30165 0
6610	74364 0	64364 1	60164 1	50120 1	54052 1	30117 0	77711 0	00006 1
6620	16631 1	30165 0	54006 0	30117 0	54004 1	74747 0	64700 1	54164 0
6630	16011 0	30117 0	66220 1	10000 0	30117 0	16644 0	30120 1	60117 0
6640	50000 1	30000 1	54117 1	16616 1	54003 0	74373 0	50000 1	31400 1
6650	54117 1	16616 1	50164 1	30001 0	50116 1	60000 1	54004 1	74747 0
6660	50000 1	32000 0	54117 1	16616 1	30165 0	54004 1	50164 1	30001 0
6670	54117 1	16616 1	10154 0	00002 0	16676 1	16710 0	10155 1	00002 0
6700	16702 0	16710 0	10156 1	00002 0	16706 1	16710 0	50002 0	00001 0
6710	50002 0	00002 0	30165 0	54006 0	50164 1	00001 0	34674 0	16721 1
6720	34371 0	26116 0	00006 1	50116 1	00003 1	20160 1	00006 1	16731 0
6730	06763 0	00006 1	50116 1	00005 1	20162 0	00006 1	16740 0	06760 0
6740	00006 1	50116 1	00001 0	16747 1	00006 1	50116 1	30001 0	20155 1
6750	00006 1	16030 0	06766 0	16030 0	00006 1	50116 1	40001 1	16747 1
6760	54001 1	34715 0	16765 1	54001 1	36214 0	56001 0	50000 1	44673 0
6770	54130 1	00006 1	24000 1	50001 0	26155 1	54007 1	34714 1	60130 0



OCTAL LISTING FOR PARAGRAPH J 016, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A'S DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACA (CONSTANTS)

7000	50001 0	26154 0	54007 1	00002 0	17121 0	00006 1	50116 1	30003 1
7010	52180 1	00008 1	40001 1	20180 1	00008 1	17017 1	08783 0	00008 1
7020	50116 1	30005 1	52182 0	00008 1	40001 1	20182 0	00008 1	17031 0
7030	06760 0	00008 1	50116 1	30001 0	52155 1	00006 1	40001 1	16747 1
7040	00006 1	50116 1	30002 0	20156 1	50116 1	60000 1	60154 1	54154 0
7050	16030 0	18752 0	50002 0	30000 1	24002 0	54116 0	50116 1	30001 0
7060	54156 1	34714 1	56155 0	54135 1	00008 1	70156 1	56156 0	00008 1
7070	70154 0	20156 1	50116 1	30000 1	56135 0	00006 1	70135 1	20156 1
7100	56154 1	00008 1	70135 1	20155 1	00002 0	34714 1	54183 1	56156 0
7110	60000 1	54001 1	00002 0	60155 0	54155 1	00002 0	60154 1	54154 0
7120	00002 0	54121 1	00002 0	34711 1	54136 1	00008 1	22137 1	07058 0
7130	52160 1	52155 1	52131 0	30156 0	54132 0	30136 0	26116 0	07056 0
7140	52156 1	20132 0	60154 1	60130 0	54130 1	17147 0	54121 1	52182 0
7150	52155 1	30136 0	26116 0	07056 0	52132 0	20156 1	60154 1	60130 0
7160	54154 0	00137 1	06766 0	00137 1	00008 1	22141 0	54117 1	22140 1
7170	17201 1	50002 0	30000 1	54140 0	60000 1	60002 0	54117 1	64715 0
7200	54141 1	36242 0	54116 0	00008 1	50117 0	30004 0	52155 1	52123 0
7210	17214 0	54140 0	44711 0	28117 1	07056 0	00008 1	50117 0	30002 0
7220	20155 1	10140 0	17211 0	00141 0	34714 1	54156 1	22002 0	06672 1
7230	17234 1	17254 1	44672 1	17235 0	34672 0	54002 1	00008 1	24000 1
7240	60156 0	54156 1	34714 1	60002 0	60155 0	54155 1	34714 1	60002 0
7250	60154 1	54154 0	54155 1	00001 0	54156 1	17251 1	54135 1	00008 1
7260	70156 1	54156 1	34714 1	56155 0	17075 0	54135 1	00008 1	70155 1
7270	52155 1	00008 1	70135 1	30001 0	26154 0	00006 1	30155 0	00002 0
7300	07123 0	34714 1	16027 0	34711 1	54140 0	17311 1	44377 1	54140 0
7310	36211 0	54136 1	07501 1	07125 0	00008 1	30123 1	52155 1	52134 0
7320	00008 1	30125 1	52160 1	00008 1	30127 0	52162 0	30140 1	26116 0
7330	07125 0	52123 0	52155 1	52125 0	52160 1	52127 1	52182 0	30140 1
7340	26116 0	07125 0	52134 0	52155 1	52182 0	52125 0	52160 1	16030 0
7350	10163 1	17377 1	17377 1	07056 0	07107 0	52160 1	52155 1	52160 1
7360	07056 0	07107 0	52162 0	52155 1	52162 0	07056 0	07107 0	52155 1
7370	52162 0	52160 1	52155 1	16030 0	07123 0	44710 1	26116 0	00006 1



OCTAL LISTING FOR PARAGRAPH J 020, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, "A" DENOTES UNUSED FIXED MEMORY
ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACA (CONSTANTS)

00,2000	13207 0	13527 0	13516 1	13807 1	13811 0	13174 1	12116 1	17637 0
00,2010	13232 0	13023 1	13176 0	13245 0	16323 1	13274 1	13247 1	38211 0
00,2020	70020 1	54021 0	10020 1	12101 1	C' 00024 1	50021 1	34675 1	54135 1
00,2030	10020 1	02050 0	16027 0	30135 0	00006 1	70156 1	54156 1	30135 0
00,2040	00006 1	70154 0	52155 1	30135 0	00006 1	70001 1	20156 1	16030 0
00,2050	30156 0	00006 1	70135 1	56155 0	00006 1	70135 1	56155 0	60001 0
00,2060	60000 1	54156 1	12084 0	26155 1	34714 1	54156 1	56154 1	00006 1
00,2070	70135 1	20155 1	00002 0	30135 0	00006 1	70155 1	54155 1	56001 0
00,2100	12060 1	30021 1	54135 1	00006 1	30156 0	20156 1	60154 1	60154 1
00,2110	54154 0	12113 1	54121 1	10135 1	12102 1	10020 1	07105 1	18030 0
00,2120	16030 0	34716 0	70020 1	54135 1	10020 1	12145 1	C' 00176 1	50135 0
00,2130	34675 1	54135 1	02073 1	52155 1	52160 1	52155 1	02073 1	52155 1
00,2140	52162 0	52155 1	02073 1	17367 0	54135 1	00006 1	30155 0	20155 1
00,2150	00006 1	12153 0	06766 0	00006 1	30160 0	20160 1	00006 1	12161 1
00,2160	06763 0	00006 1	30162 1	20162 0	00006 1	12167 1	06760 0	10135 1
00,2170	12144 0	16030 0	54135 1	06672 1	12176 1	12212 0	07226 0	30154 1
00,2200	12207 1	24135 0	00006 1	30156 0	20156 1	60154 1	26154 0	60000 1
00,2210	54000 0	12201 1	40135 1	16572 0	70116 0	10000 0	12224 0	34701 0
00,2220	70116 0	10000 0	07105 1	16030 0	54135 1	34703 1	00006 1	70116 0
00,2230	76214 1	50000 1	12233 0	12332 0	12342 1	12336 1	10163 1	12277 0
00,2240	12277 0	30135 0	63730 0	00006 1	62127 1	67716 0	54135 1	34714 1
00,2250	54001 1	56154 1	56155 0	02272 1	20155 1	56157 1	56160 0	02272 1
00,2260	20160 1	56161 1	56162 1	02272 1	20162 0	10135 1	54135 1	12242 0
00,2270	C' 04604 1	16030 0	60000 1	54156 1	34714 1	56001 0	00002 0	30135 0
00,2300	63730 0	00006 1	62322 0	67716 0	C' 54135 1	34714 1	56154 1	56155 0
00,2310	54156 1	10135 1	54135 1	02300 0	22850 1	34701 0	70116 0	10000 0
00,2320	07105 1	16030 0	50135 0	34675 1	54135 1	34701 0	70116 0	10000 0
00,2330	12031 0	12033 1	40135 1	62126 0	54135 1	12236 0	42126 1	60135 0
00,2340	40000 0	54135 1	10163 1	12346 0	12346 0	12145 1	40116 0	00006 1
00,2350	74705 0	54020 1	12103 0	44712 0	54136 1	54137 0	54140 0	10130 1
00,2360	12516 0	12363 1	12531 0	54156 1	07226 0	10154 0	12414 0	12371 1
00,2370	12413 1	56131 1	56130 0	56155 0	56154 1	10130 1	12422 0	12401 1

OCTAL LISTING FOR PARAGRAPH J 021, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACB (CONSTANTS)

00,2400	12416 1	40154 0	00006 1	62405 1	24136 0	34672 0	54154 0	02630 0
00,2410	34712 1	54121 1	06030 1	24136 0	40131 0	12402 1	00006 1	40131 0
00,2420	52131 0	24136 0	10154 0	12437 1	12426 1	12433 0	10155 1	12437 1
00,2430	16030 0	12433 0	16030 0	00006 1	40155 1	52155 1	24136 0	40154 0
00,2440	67716 0	60130 0	10000 0	12505 1	C' 60001 0	12446 1	34675 1	60000 1
00,2450	60155 0	54155 1	34714 1	64672 0	26154 0	34675 1	60000 1	60131 1
00,2460	54131 0	34714 1	64672 0	26130 1	40154 0	60130 0	10000 0	12505 1
00,2470	C' 00133 0	12405 0	54140 0	40155 1	60131 1	00006 1	62405 1	12505 1
00,2500	00006 1	24137 1	00006 1	30131 1	20131 0	30130 0	60000 1	54000 0
00,2510	12500 1	52155 1	50137 1	02565 0	54156 1	16030 0	10000 0	12422 0
00,2520	40131 0	00006 1	62422 1	34675 1	60000 1	26131 0	34714 1	54130 1
00,2530	12363 1	10000 0	12416 1	30131 1	00006 1	62416 0	44675 0	12524 1
00,2540	22021 1	00006 1	74675 0	56001 0	60021 1	56001 0	12571 1	20001 1
00,2550	20001 1	20001 1	20001 1	20001 1	20001 1	20001 1	20001 1	20001 1
00,2560	20001 1	20001 1	20001 1	20001 1	52155 1	10140 0	C' 06552 0	12642 1
00,2570	52155 1	00006 1	10130 1	52155 1	40154 0	00006 1	70131 0	60155 0
00,2600	54000 0	12606 1	00006 1	60130 0	24154 1	12610 0	00006 1	62620 1
00,2610	00006 1	60130 0	00006 1	12616 0	00006 1	62624 0	24154 1	12625 0
00,2620	00006 1	12630 1	00006 1	26154 0	60130 0	22007 0	00006 1	10130 1
00,2630	54155 1	10136 1	00002 0	00002 0	00002 0	00006 1	40155 1	52155 1
00,2640	34714 1	00002 0	40154 0	60130 0	00006 1	12647 1	12570 0	34672 0
00,2650	54154 0	40131 0	60155 0	12624 1	44712 0	54137 0	54127 1	03010 0
00,2660	52131 0	07513 1	52131 0	10130 1	12721 0	12667 0	12715 1	56131 1
00,2670	56130 0	56155 0	56154 1	00006 1	12676 0	12405 0	56160 0	56157 1
00,2700	00006 1	12703 0	12405 0	56162 1	56161 1	00006 1	12710 1	12405 0
00,2710	10130 1	12721 0	12405 0	12715 1	12405 0	00006 1	40131 0	52131 0
00,2720	24127 0	00006 1	30131 1	52134 0	12732 1	00006 1	24137 1	00006 1
00,2730	30131 1	20131 0	30130 0	60000 1	54000 0	12725 1	02750 1	52160 1
00,2740	52155 1	52160 1	02750 1	52162 0	52155 1	52162 0	02750 1	17367 0
00,2750	30127 0	54136 1	10154 0	12767 1	12756 0	12763 0	10155 1	12767 1
00,2760	00002 0	12763 0	00002 0	00006 1	40155 1	52155 1	24136 0	44712 0
00,2770	54140 0	40154 0	60133 0	10000 0	13004 1	12777 0	12405 0	54140 0



OCTAL LISTING FOR PARAGRAPH J 022, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" A DENOTES UNUSED FIXED MEMORY
ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR #CA (CONSTANTS)

00,3000	40155 1	60134 1	00006 1	62405 1	52155 1	50137 1	12585 1	C' 32506 0
00,3010	56002 0	52155 1	07513 1	52155 1	52160 1	07513 1	52160 1	52162 0
00,3020	07513 1	52162 0	00000 1	03010 0	07501 1	34714 1	56121 0	54141 1
00,3030	03317 1	30141 0	56121 0	00006 1	13036 0	12405 0	00006 1	30155 0
00,3040	50120 1	52043 1	03343 0	10154 0	13051 1	54001 1	50120 1	52045 1
00,3050	12405 0	44333 1	60135 0	10000 0	40000 0	13133 1	13065 0	44720 1
00,3060	54135 1	30154 1	54001 1	34714 1	13112 1	10135 1	13074 0	42024 1
00,3070	54135 1	00006 1	30155 0	13112 1	40000 0	54135 1	40000 0	50000 1
00,3100	34675 1	54130 1	00006 1	70155 1	56130 0	00006 1	70154 0	56001 0
00,3110	60130 0	56001 0	50120 1	52045 1	44712 0	54140 0	52123 0	52155 1
00,3120	52131 0	03151 1	52125 0	52155 1	52160 1	03151 1	52127 1	52155 1
00,3130	52162 0	03151 1	17387 0	54135 1	34714 1	56123 1	56122 0	56125 1
00,3140	56124 0	56127 0	56126 1	40135 1	50000 1	34675 1	00006 1	70154 0
00,3150	13062 1	10154 0	13170 0	13155 1	13162 0	10155 1	13170 0	00002 0
00,3160	13162 0	00002 0	44714 0	54136 1	00006 1	40155 1	50135 0	12564 0
00,3170	54136 1	52155 1	50135 0	12564 0	03300 1	16030 0	10163 1	13226 0
00,3200	13226 0	03317 1	22163 0	00006 1	30155 0	50120 1	52043 1	03343 0
00,3210	10135 1	13213 0	16030 0	63736 0	00006 1	63221 0	22007 0	22116 1
00,3220	12303 1	50135 0	34674 0	54135 1	34714 1	12036 1	06672 1	16030 0
00,3230	16030 0	17637 0	44710 1	26166 1	00006 1	50000 1	30003 1	52160 1
00,3240	00006 1	50166 0	30001 0	52162 0	16470 0	03317 1	17301 0	00006 1
00,3250	30155 0	50166 0	52001 1	50163 0	38213 1	26166 1	10163 1	13272 1
00,3260	16030 0	00006 1	30160 0	50166 0	51775 0	00006 1	30162 1	50166 0
00,3270	51777 1	16030 0	30156 0	16523 1	50120 1	30052 0	54117 1	16621 0
00,3300	30155 0	00006 1	70000 0	54156 1	34714 1	56155 0	00006 1	70154 0
00,3310	20001 1	20156 1	56154 1	00006 1	70000 0	20155 1	00002 0	00006 1
00,3320	22137 1	03300 1	52160 1	52155 1	52131 0	30156 0	54132 0	03300 1
00,3330	52156 1	20132 0	60154 1	60130 0	54130 1	13337 1	54121 1	52162 0
00,3340	52155 1	03300 1	17154 1	34714 1	54135 1	10154 0	13404 0	13351 1
00,3350	13373 1	56156 0	56155 0	54154 0	34716 0	54135 1	10154 0	13404 0
00,3360	13362 1	13376 1	56155 0	54154 0	34716 0	26135 1	10154 0	13404 0
00,3370	00002 0	13376 1	13452 0	10000 0	13402 0	10155 1	34714 1	13452 0



OCTAL LISTING FOR PARAGRAPH J 023, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIB (INTERPRETIVE OPERATOR WORDS) OR ACB (CONSTANTS)

00,3400	13402 0	13452 0	05622 1	C' 01302 1	62444 1	00006 1	63455 0	52155 1
00,3410	22021 1	00006 1	74675 0	52155 1	56021 1	26155 1	32314 0	00006 1
00,3420	70154 0	62566 0	54130 1	30154 1	22007 0	00006 1	10130 1	00006 1
00,3430	74675 0	26130 1	00006 1	74675 0	52155 1	00006 1	10130 1	54131 0
00,3440	34714 1	56001 0	00006 1	10130 1	54001 1	30131 1	20155 1	00006 1
00,3450	13454 0	34672 0	54154 0	54155 1	00002 0	64676 1	00006 1	63501 0
00,3460	52155 1	22021 1	00006 1	74675 0	52155 1	56021 1	26155 1	33007 0
00,3470	00006 1	70154 0	62270 0	13422 1	00006 1	30156 0	20156 1	60154 1
00,3500	26154 0	24135 0	00006 1	30156 0	20156 1	60154 1	26154 0	60000 1
00,3510	54022 0	10022 0	10022 0	13474 1	13416 0	13467 0	06672 1	13522 0
00,3520	13525 1	13525 1	00006 1	40155 1	52155 1	34676 1	26154 0	52155 1
00,3530	20001 1	54000 0	13535 0	00006 1	40001 1	52155 1	30154 1	60000 1
00,3540	54001 1	13552 1	50000 1	34674 0	60000 1	00006 1	60154 1	54154 0
00,3550	40155 1	54155 1	00006 1	30155 0	52134 0	03300 1	07171 1	C' 00003 1
00,3560	C' 14441 0	C' 37325 1	C' 53250 0	C' 60764 1	C' 12146 1	C' 21276 1	C' 75466 1	C' 71471 0
00,3570	C' 00236 0	C' 32757 0	32470 0	07055 0	00006 1	30156 0	20156 1	60154 1
00,3600	26154 0	00006 1	30156 0	20156 1	60154 1	26154 0	16030 0	33630 1
00,3610	13612 0	33712 0	54136 1	06672 1	13624 0	13726 0	00006 1	40155 1
00,3620	52155 1	33731 1	56136 0	54137 0	44675 0	60154 1	10000 0	13720 0
00,3630	13706 1	13641 0	10155 1	34714 1	13636 0	13641 0	54155 1	54154 0
00,3640	00136 0	00006 1	40155 1	64675 1	52155 1	52134 0	03343 0	10135 1
00,3650	13713 0	52155 1	52134 0	52155 1	07171 1	C' 00006 1	C' 13240 0	C' 23630 0
00,3660	C' 74721 0	C' 47775 1	C' 02440 0	C' 20237 0	C' 75067 1	C' 70742 1	C' 03436 0	C' 26756 1
00,3670	C' 74037 0	C' 57640 1	C' 03046 0	C' 07143 0	C' 76654 1	C' 42244 0	32470 0	07055 0
00,3700	00136 0	00006 1	40155 1	64675 1	52155 1	00137 1	00006 1	40155 1
00,3710	64676 1	52155 1	16030 0	50000 1	34675 1	54135 1	02073 1	13651 1
00,3720	00006 1	13636 0	05537 0	C' 01301 1	34714 1	13636 0	34676 1	13637 1
00,3730	C' 77763 0	13701 0	00004 0	54002 1	36214 0	54070 1	50000 1	31141 1
00,3740	00006 1	13746 0	10070 1	13735 1	05604 0	C' 01104 0	33766 0	54061 1
00,3750	30004 0	60070 0	54001 1	33767 1	15146 0	04604 1	50070 0	55141 0
00,3760	05070 0	34714 1	50006 1	57141 1	05074 1	05213 1	C' 03753 0	C' 03761 1
00,3770	C' 03770 1	C' 03771 0	OKSM 63734 1	"	"	"	"	"



OCTAL LISTING FOR PARAGRAPH J 024, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD; A" A DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED A1A (INTERPRETIVE OPERATOR WORDS) OR ACA (CONSTANTS)

01,2000	00083 1	00010 0	00063 1	00024 1	00063 1	00043 0	00063 1	00107 1
01,2010	00242 0	00260 0	00336 1	00346 0	C' 00170 1	C' 74550 1	C' 45711 1	C' 10000 0
01,2020	C' 02362 1	C' 34066 0	C' 10000 0	C' 02074 0	C' 56066 1	C' 10000 0	C' 02273 0	C' 76066 0
01,2030	C' 02605 0	C' 75216 0	C' 26063 0	C' 05000 1	C' 02570 1	C' 26063 0	C' 10000 0	C' 02512 0
01,2040	C' 70067 1	C' 14000 1	C' 02173 0	C' 62065 0	C' 10000 0	C' 02377 0	C' 56067 0	C' 20000 0
01,2050	C' 02404 0	C' 34067 1	C' 00000 1	C' 00000 1	C' 00000 1	C' 22000 1	C' 02127 1	C' 70063 0
01,2060	C' 22000 1	C' 02247 1	C' 70063 0	C' 22000 1	C' 02026 1	C' 70063 0	C' 76347 0	C' 75071 0
01,2070	C' 27710 1	C' 77777 0	C' 75262 0	C' 27710 1	C' 30000 1	C' 02461 0	C' 50067 0	C' 77777 0
01,2100	C' 75262 0	C' 27710 1	C' 05664 0	C' 75517 0	C' 27711 0	C' 77777 0	C' 75262 0	C' 27710 1
01,2110	C' 04700 1	C' 75256 1	C' 27710 1	C' 00050 1	C' 75170 0	C' 27711 0	C' 00240 1	C' 75142 1
01,2120	C' 27711 0	C' 00764 1	C' 75240 0	C' 27711 0	C' 00372 1	C' 74317 1	C' 27711 0	C' 00310 0
01,2130	C' 74352 0	C' 27710 1	C' 16000 0	C' 02000 0	C' 66065 1	C' 16000 0	C' 03736 0	C' 66065 1
01,2140	C' 01672 0	C' 75413 0	C' 50067 0	C' 12000 1	C' 02113 0	C' 50067 0	C' 24000 1	C' 02000 0
01,2150	C' 32060 0	C' 00372 1	C' 75055 0	C' 27711 0	C' 13000 0	C' 02524 0	C' 30065 1	C' 04064 1
01,2160	C' 75403 1	C' 23711 1	C' 12000 1	C' 02155 1	C' 50066 1	C' 00764 1	C' 75275 0	C' 27710 1
01,2170	C' 17000 1	C' 02511 0	C' 54066 0	C' 76003 0	C' 75213 0	C' 23711 1	C' 13000 0	C' 02602 1
01,2200	C' 54066 0	C' 17000 1	C' 03006 1	C' 52066 0	C' 77777 0	C' 75463 1	C' 07711 1	C' 77777 0
01,2210	C' 74336 1	C' 27710 1	C' 13000 0	C' 02456 1	C' 54067 1	C' 76105 1	C' 75352 1	C' 27710 1
01,2220	C' 77777 0	C' 75225 0	C' 27711 0	C' 77777 0	C' 75063 0	C' 27711 0	C' 00012 1	C' 75256 1
01,2230	C' 27710 1	C' 77777 0	C' 74420 1	C' 27711 0	C' 00372 1	C' 74403 0	C' 27711 0	C' 77777 0
01,2240	C' 74366 1	C' 27711 0	C' 77777 0	C' 74324 1	C' 27711 0	C' 77777 0	C' 75240 0	C' 27711 0
01,2250	C' 32000 0	C' 03141 0	C' 76067 1	C' 00310 0	C' 74567 0	C' 01711 1	C' 20000 0	C' 03007 0
01,2260	C' 76067 1	C' 00310 0	C' 74567 0	C' 01711 1	C' 00310 0	C' 74567 0	C' 01711 1	C' 77777 0
01,2270	C' 75123 0	C' 01711 1	C' 20000 0	C' 02456 1	C' 66065 1	C' 77777 0	C' 75174 1	C' 11712 0
01,2300	C' 20000 0	C' 02527 0	C' 66065 1	C' 20000 0	C' 03317 1	C' 66065 1	C' 20000 0	C' 05112 0
01,2310	C' 04065 0	C' 20000 0	C' 02637 1	C' 66065 1	C' 77777 0	C' 75151 0	C' 11712 0	C' 20000 0
01,2320	C' 03330 1	C' 66065 1	C' 20000 0	C' 03276 1	C' 66065 1	C' 77777 0	C' 75167 0	C' 01710 0
01,2330	C' 20000 0	C' 03353 1	C' 66065 1	C' 00000 1	C' 00000 1	C' 00000 1	C' 77777 0	C' 75041 0
01,2340	C' 01711 1	C' 77777 0	C' 75173 0	C' 01710 0	C' 77777 0	C' 75737 0	C' 37711 1	C' 00144 0
01,2350	C' 74605 1	C' 27710 1	C' 00144 0	C' 74605 1	C' 27710 1	C' 30000 1	C' 03564 0	C' 56063 1
01,2360	C' 00000 1	C' 00000 1	C' 00000 1	C' 76052 1	C' 75323 1	C' 45711 1	C' 00000 1	C' 00000 1
01,2370	C' 00000 1	02466 1	30117 0	50130 0	54046 1	16030 0	02466 1	40117 1



OCTAL LISTING FOR PARAGRAPH J 025, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED A1A (INTERPRETIVE OPERATOR WORDS) OR A0A (CONSTANTS)

01,2400	02373 1	02454 0	50117 0	30000 1	12373 0	02454 0	50117 0	40000 0
01,2410	12373 0	02454 0	50130 0	30046 0	50117 0	54000 0	16030 0	02454 0
01,2420	50117 0	30000 1	50130 0	56046 0	12414 0	02454 0	50117 0	30000 1
01,2430	50130 0	26046 1	16030 0	02466 1	30117 0	12430 0	02454 0	50117 0
01,2440	40000 0	12430 0	02466 1	50130 0	40050 0	50130 0	60046 0	00006 1
01,2450	66030 1	50130 0	56046 0	16615 1	40117 1	64727 1	10000 0	30120 1
01,2460	12465 0	34744 1	56117 0	54003 0	74373 0	26117 1	30120 1	54130 1
01,2470	10020 1	24130 0	00002 0	00002 0	10020 1	30117 0	04560 0	10154 0
01,2500	16030 0	16615 1	16030 0	16615 1	10121 1	12507 0	16030 0	54121 1
01,2510	10020 1	12475 1	C' 00360 1	16615 1	10020 1	06672 1	16030 0	16615 1
01,2520	16030 0	10020 1	12530 1	C' 12000 1	06672 1	16030 0	16030 0	16615 1
01,2530	06672 1	16615 1	16615 1	16030 0	10020 1	16607 1	05640 0	02454 0
01,2540	50120 1	30052 0	12414 0	34721 1	70117 1	50000 1	34674 0	54131 0
01,2550	34704 0	00006 1	70117 1	54130 1	00004 0	50000 1	30074 1	54002 1
01,2560	34700 1	00006 1	70117 1	72623 0	50000 1	12566 1	30131 1	00006 1
01,2570	04002 1	12600 1	30131 1	00006 1	06002 0	12600 1	40131 0	70002 1
01,2600	50130 0	54074 0	00003 1	34676 1	00006 1	70117 1	72623 0	50000 1
01,2610	12611 1	40002 1	70131 0	10000 0	12624 1	16664 1	12624 1	05640 0
01,2620	05640 0	30002 0	12612 1	C' 00014 1	24164 1	16030 0	54061 1	10400 1
01,2630	12643 0	10454 0	12643 0	10530 0	12643 0	10604 1	12643 0	10660 0
01,2640	12643 0	05604 0	C' 01201 0	64711 1	22007 0	50000 1	21777 0	26063 0
01,2650	34714 1	54064 1	32857 1	54062 1	50064 0	10167 0	12717 0	C' 00006 1
01,2660	12717 0	30063 1	50064 0	54167 0	74741 0	50064 0	54166 1	10064 1
01,2670	12704 1	54121 1	30166 0	54120 0	10067 1	12704 1	05640 0	05640 0
01,2700	54067 1	52066 0	52165 1	15115 0	52066 0	50064 0	52165 1	50067 0
01,2710	40167 0	60063 1	00006 1	65115 1	30064 0	54067 1	15115 0	33054 0
01,2720	26064 1	10062 1	12653 1	05604 0	C' 01202 0	22164 1	30165 0	00004 0
01,2730	00006 1	04007 1	56001 0	50067 0	52165 1	52165 1	30165 0	00006 1
01,2740	01007 1	52155 1	50067 0	52155 1	52155 1	52157 0	50067 0	52157 0
01,2750	52157 0	52161 0	50067 0	52161 0	52161 0	52163 1	50067 0	52163 1
01,2760	52163 1	34714 1	56121 0	00006 1	12767 1	40166 1	54166 1	52167 0
01,2770	50067 0	52167 0	52167 0	34741 1	70167 0	54120 0	10166 1	34714 1

OCAL LISTING FOR PARAGRAPH J 026, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" A DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED A1A (INTERPRETIVE OPERATOR WORDS) OR ACB (CONSTANTS)

01,3000	13005 0	40166 1	54166 1	34712 1	56121 0	54067 1	00003 1	52165 1
01,3010	00006 1	63013 0	52006 0	40000 0	64712 1	54164 0	16017 0	00004 0
01,3020	40167 0	54167 0	38043 0	70006 0	00006 1	04007 1	54165 1	44714 0
01,3030	54131 0	13141 1	00004 0	10067 1	13037 1	00003 1	13233 1	34711 1
01,3040	00006 1	05011 1	52165 1	12733 0	54061 1	34714 1	54064 1	32657 1
01,3050	54062 1	50064 0	10167 0	13056 0	C' 00014 1	13065 0	33054 0	28064 1
01,3060	10062 1	13050 0	44712 0	54064 1	15115 0	40065 0	50064 0	60164 1
01,3070	00006 1	13073 1	13056 0	50064 0	40167 0	54063 0	50064 0	54167 0
01,3100	44364 0	70065 0	64700 1	56065 1	74364 0	50064 0	60165 0	54066 0
01,3110	10064 1	12704 1	12674 1	54164 0	34714 1	54130 1	34741 1	70167 0
01,3120	60063 1	54167 0	40000 0	13030 0	00004 0	44714 0	54131 0	56167 1
01,3130	74741 0	54001 1	45121 1	60001 0	00006 1	63141 0	10001 1	50000 1
01,3140	54000 0	10203 1	03206 0	05640 0	13145 0	10217 1	03206 0	05640 0
01,3150	13151 0	10233 1	03206 0	C' 67610 1	13155 1	10247 1	03206 0	05640 0
01,3160	13161 0	10263 1	03206 0	05640 0	13165 1	10277 1	03206 0	05640 0
01,3170	13171 1	10131 0	05640 0	05640 0	13176 0	13223 0	10130 1	13201 0
01,3200	13005 0	50000 1	27777 0	63153 0	54067 1	12725 1	54132 0	60131 1
01,3210	10000 0	40132 0	13216 0	13214 1	50002 0	00002 0	54131 0	00006 1
01,3220	22130 0	50130 0	00002 0	44714 0	54067 1	00003 1	44711 0	00006 1
01,3230	03011 1	10067 1	13032 1	34711 1	13242 1	31361 1	54001 1	33241 0
01,3240	15123 0	C' 66102 1	00006 1	05011 1	52165 1	15122 1	54062 1	40026 1
01,3250	64703 1	10000 0	66056 1	40000 0	63402 1	60002 0	10000 0	61400 1
01,3260	13322 0	13262 0	40002 1	64675 1	64675 1	56026 0	64674 0	60002 0
01,3270	00006 1	22007 0	57400 1	57401 0	57402 0	57403 1	57404 0	57405 1
01,3300	57406 1	57407 0	30063 1	50002 0	13305 0	53411 0	53413 1	53415 1
01,3310	53417 0	53421 0	53423 1	53425 1	53427 0	53431 1	65173 1	00006 1
01,3320	15152 0	13375 1	10000 0	61401 0	13330 0	64712 1	03403 0	C' 00001 0
01,3330	10000 0	61402 0	13336 0	64712 1	03403 0	C' 00002 0	10000 0	61403 1
01,3340	13344 0	64712 1	03403 0	C' 00003 1	10000 0	61404 0	13352 1	64712 1
01,3350	03403 0	C' 00004 0	10000 0	61405 1	13360 0	64712 1	03403 0	C' 00005 1
01,3360	10000 0	61406 1	13366 0	64712 1	03403 0	C' 00006 1	10000 0	61407 0
01,3370	13374 0	64712 1	03403 0	C' 00007 0	10000 0	05604 0	C' 01203 1	64712 1

OCTAL LISTING FOR PARAGRAPH J 027, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACs (CONSTANTS)

01,3400	03403 0	C' 00010 0	C' 40201 0	54064 1	50002 0	30000 1	54032 1	34712 1
01,3410	60064 0	50002 0	27377 1	40084 1	50002 0	13272 1	00006 1	04007 1
01,3420	54018 1	00006 1	22012 1	34673 1	57407 0	57408 1	57405 1	57404 0
01,3430	57403 1	57402 0	57401 0	57400 1	64672 0	28028 1	54734 0	44714 0
01,3440	54734 0	00006 1	45174 1	53431 1	53427 0	53425 1	53423 1	53421 0
01,3450	53417 0	53415 1	53413 1	53411 0	56001 0	00006 1	01007 1	56001 0
01,3460	52006 0	23435 1	34711 1	26002 1	55434 1	00006 1	43477 1	21140 1
01,3470	11140 1	13510 1	13473 0	13474 1	11137 1	13510 1	C' 00000 1	C' 20000 0
01,3500	34675 1	27140 1	05140 1	C' 03515 0	C' 02063 0	33517 1	53435 0	52006 0
01,3510	34675 1	05140 1	C' 03465 0	C' 02063 0	13505 0	53134 1	52006 0	C' 05213 1
01,3520	30161 1	60000 1	54155 1	33762 1	54157 0	33557 0	54707 0	30154 1
01,3530	74744 0	10000 0	13543 1	10154 0	10000 0	13643 1	34761 0	05042 1
01,3540	C' 03165 0	C' 20103 1	03557 0	74744 0	10000 0	13614 0	00006 1	50155 0
01,3550	31437 0	52706 1	30154 1	74716 1	67715 0	10000 0	13726 0	04570 1
01,3560	13562 1	13627 0	33766 0	54704 0	50155 0	31054 1	10000 0	24000 1
01,3570	13573 1	15367 1	13612 0	40000 0	54001 1	50155 0	41053 1	00006 1
01,3600	60025 0	10000 0	40000 0	67700 1	64712 1	60001 0	10000 0	34714 1
01,3610	13612 0	13612 0	64712 1	00704 1	33557 0	54157 0	33763 0	54707 0
01,3620	30154 1	76043 1	54154 0	00006 1	50155 0	31437 0	52706 1	50155 0
01,3630	31054 1	54704 0	00006 1	63637 0	33765 0	56704 1	00704 1	33767 1
01,3640	56704 1	40000 0	00704 1	54020 1	10020 1	13646 1	13744 1	33557 0
01,3650	54707 0	30154 1	54021 0	60021 1	50155 0	62001 1	54156 1	00006 1
01,3660	50156 0	32002 1	22706 1	10000 0	24000 1	13740 0	24000 1	54705 1
01,3670	33766 0	54704 0	30706 0	74701 1	10000 0	13733 1	50156 0	32000 0
01,3700	15376 1	53140 1	00006 1	40025 1	21140 1	00006 1	31136 1	21140 1
01,3710	11137 1	13721 1	13714 1	13607 1	11140 1	13721 1	13717 1	13607 1
01,3720	13612 0	33764 1	54704 0	00006 1	31140 0	00704 1	33766 0	54704 0
01,3730	50155 0	41054 0	15376 1	40706 1	54706 1	50156 0	32000 0	13566 0
01,3740	56705 0	50156 0	32000 0	13631 1	30157 1	54707 0	50155 0	32000 0
01,3750	60154 1	60154 1	60154 1	54156 1	13657 1	36214 0	26156 1	33557 0
01,3760	54707 0	13657 1	C' 03755 0	C' 03533 1	C' 05231 1	C' 05042 1	C' 05140 1	C' 05027 1
01,3770	C' 03770 1	C' 03771 0	CKSM 74057 0	"	"	"	"	"



OCTAL LISTING FOR PARAGRAPH J 040, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACB (CONSTANTS)

04,2000	02315 1	32007 1	04555 0	C' 20824 0	12001 0	12001 0	12001 0	C' 11343 0
04,2010	54775 0	34371 0	54386 0	31320 1	74705 0	10000 0	12070 0	34676 1
04,2020	00006 1	02011 0	10000 0	12030 1	40102 0	74105 0	00008 1	62061 1
04,2030	00004 0	34752 0	54003 0	31474 1	55682 0	04633 0	C' 50737 1	04633 0
04,2040	C' 13207 0	32402 0	04633 0	C' 42011 1	04633 0	C' 51003 0	34714 1	54775 0
04,2050	00003 1	34715 0	04555 0	C' 01732 0	34714 1	00008 1	01005 0	00008 1
04,2060	01006 0	30775 1	00008 1	12112 0	40076 1	74712 0	10000 0	12075 0
04,2070	05537 0	C' 01520 1	04473 0	04574 0	C' 21176 1	32475 0	54155 1	50155 0
04,2100	32440 0	76043 1	40000 0	60775 1	10000 0	10155 1	12076 0	12257 1
04,2110	30155 0	54774 1	40103 1	74705 0	10000 0	12123 1	00004 0	44712 0
04,2120	70075 1	54075 1	15112 1	32377 0	54374 0	05301 0	C' 00014 1	08008 1
04,2130	I' 77624 1	C' 27371 1	I' 77776 1	02315 1	05447 0	C' 00020 0	04555 0	C' 57750 1
04,2140	05447 0	C' 00215 1	05447 0	C' 00037 0	10775 0	12245 1	04473 0	34754 0
04,2150	55056 1	00004 0	44712 0	70076 1	54076 1	34715 0	54001 1	40000 0
04,2160	52755 1	42374 1	70074 0	54074 0	34714 1	54332 1	42375 0	55071 1
04,2170	70075 1	54075 1	04633 0	C' 12508 1	10775 0	12204 1	04633 0	C' 12500 1
04,2200	30775 1	55011 1	04574 0	C' 12641 1	40775 0	64112 1	00008 1	12211 0
04,2210	12221 0	40775 0	61011 0	00006 1	12225 1	30074 1	74704 1	10000 0
04,2220	12238 0	34704 0	70074 0	10000 0	12233 0	00008 1	34714 1	52753 1
04,2230	00006 1	34714 1	52755 1	32376 1	54374 0	12202 1	40075 1	74732 1
04,2240	26075 1	00006 1	34714 1	52761 0	12200 0	34704 0	70074 0	10000 0
04,2250	12253 0	05447 0	C' 00007 0	50774 0	32476 0	00004 0	12185 0	04400 1
04,2260	12072 1	00004 0	50774 0	32440 0	55080 1	54020 1	30020 0	77674 1
04,2270	55082 0	54083 0	31060 0	00006 1	74703 0	74716 1	54001 1	50774 0
04,2300	32403 1	55061 0	74364 0	26001 1	31061 1	74747 0	64700 1	05053 1
04,2310	31060 0	76043 1	05246 1	04473 0	05112 0	00008 1	22155 0	34752 0
04,2320	54003 0	00004 0	04555 0	C' 45245 0	30105 0	74677 1	10000 0	12333 1
04,2330	04555 0	C' 50213 1	12335 1	04555 0	C' 50227 0	34717 1	54154 0	50154 1
04,2340	42356 1	50154 1	70074 0	50154 1	54074 0	10154 0	12338 1	00003 1
04,2350	05435 0	C' 00044 1	05425 1	37716 0	55303 1	00155 0	C' 00000 1	C' 00040 0
04,2360	C' 02000 0	C' 00000 1	C' 00000 1	C' 04140 0	C' 10000 0	C' 16020 1	C' 00000 1	C' 42000 1
04,2370	C' 00000 1	C' 00000 1	C' 03143 1	C' 12066 1	C' 00300 1	C' 01120 0	C' 10264 0	C' 10132 0



OCTAL LISTING FOR PARAGRAPH J 041, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIB (INTERPRETIVE OPERATOR WORDS) OR AIB (CONSTANTS)

04,2400	C' 02106 1	C' 42086 1	C' 37312 0	C' 11334 0	C' 11106 0	C' 73433 1	C' 28036 0	C' 72157 1
04,2410	C' 72002 0	C' 54320 1	C' 54217 1	C' 32000 0	C' 31054 1	C' 32000 0	C' 31054 1	C' 50410 1
04,2420	C' 50235 0	C' 50002 0	C' 11327 1	C' 11103 0	C' 74502 0	C' 72153 0	C' 72000 1	C' 73620 1
04,2430	C' 73604 1	C' 62021 0	C' 60000 1	C' 76001 1	C' 76207 0	C' 73431 0	C' 55855 1	C' 66001 0
04,2440	C' 27117 0	C' 27116 1	C' 27115 1	C' 27714 0	C' 27113 1	C' 27112 0	C' 27476 1	C' 27475 1
04,2450	C' 27266 0	C' 27265 0	C' 27264 1	C' 27263 0	C' 27657 0	C' 27451 1	C' 27450 0	C' 27047 1
04,2460	C' 27046 0	C' 27645 0	C' 27043 0	C' 27042 1	C' 27637 0	C' 27636 1	C' 27227 0	C' 27226 1
04,2470	C' 27025 0	C' 27424 0	C' 27021 1	C' 27006 1	C' 41201 1	C' 00034 0	C' 00002 0	C' 00002 0
04,2500	C' 00002 0	C' 00002 0	C' 00002 0	C' 00002 0	C' 00001 0	C' 00003 1	C' 00000 1	C' 00000 1
04,2510	C' 00000 1	C' 00000 1	C' 00003 1	C' 00003 1	C' 00003 1	C' 00002 0	C' 00002 0	C' 00002 0
04,2520	C' 00002 0	C' 00002 0	C' 00002 0	C' 00002 0	C' 00002 0	C' 00004 0	C' 00002 0	C' 00002 0
04,2530	C' 00002 0	C' 00000 1	C' 00000 1	C' 00465 0	C' 32324 0	C' 00333 1	C' 01733 1	56002 0
04,2540	54154 0	00004 0	34371 0	05027 1	C' 03435 0	C' 60101 1	00003 1	00154 1
04,2550	54001 1	04234 0	04240 0	04410 0	30001 0	55043 0	05070 0	52134 0
04,2560	52365 0	24384 0	30006 1	74747 0	26365 0	50364 0	27777 0	04561 1
04,2570	02574 0	02573 1	24364 0	24364 0	52365 0	52006 0	22164 1	50001 0
04,2600	30001 0	24001 0	24001 0	52365 0	06006 1	I' 77624 1	C' 00364 0	I' 77776 1
04,2610	22365 1	16010 1	05074 1	44700 0	50064 0	26164 0	00072 1	I' 62545 1
04,2620	C' 02403 1	C' 15047 0	C' 02401 0	I' 77434 1	C' 45543 1	56154 1	55045 0	04555 0
04,2630	C' 20607 1	32650 0	04555 0	C' 20624 0	02638 0	02637 1	02631 1	06006 1
04,2640	I' 47135 0	C' 01046 1	C' 45510 1	C' 02401 0	I' 60535 1	C' 01047 0	C' 02403 1	I' 77616 0
04,2650	C' 01451 0	C' 20000 0	C' 00000 1	I' 43014 0	C' 01312 0	C' 10673 1	C' 02747 1	C' 10676 1
04,2660	I' 53575 0	I' 72441 0	C' 01744 1	I' 51136 1	C' 10670 1	I' 43215 0	C' 10652 1	C' 10652 1
04,2670	C' 03626 0	I' 43414 1	C' 02675 1	I' 77614 1	C' 02747 1	C' 10660 0	I' 53575 0	C' 03570 0
04,2700	I' 77676 0	C' 00023 0	I' 53435 0	C' 03576 0	C' 00015 0	I' 53435 0	C' 00023 0	C' 24007 0
04,2710	C' 00001 0	I' 78521 0	C' 00007 0	C' 03405 0	I' 43414 1	C' 02475 0	I' 77160 0	C' 00002 0
04,2720	C' 00000 1	I' 77614 1	C' 04343 1	C' 10727 1	I' 77160 0	C' 00012 1	C' 00002 0	I' 66143 1
04,2730	C' 11635 1	C' 03745 1	C' 23752 0	C' 11627 1	I' 54214 1	C' 04343 1	C' 10740 0	C' 20607 1
04,2740	C' 03750 0	I' 43134 0	C' 03746 1	C' 01271 1	I' 77650 1	C' 73005 0	22007 0	34714 1
04,2750	53052 0	33101 1	04555 0	C' 20465 1	15423 0	12757 1	12751 1	53052 0
04,2760	00006 1	13070 1	52155 1	06006 1	I' 77634 0	C' 45713 0	C' 34041 0	C' 27036 1
04,2770	I' 63375 0	C' 00007 0	C' 00001 0	C' 02327 0	I' 63256 0	I' 53435 0	I' 77626 0	C' 61442 1



OCTAL LISTING FOR PARAGRAPH J 042, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A"8 DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACA (CONSTANTS)

04,3000	C' 00015 0	C' 34041 0	C' 27022 1	I' 63375 0	C' 00007 0	C' 00001 0	I' 77725 1	C' 00015 0
04,3010	C' 24037 0	I' 41408 0	I' 83245 1	C' 02327 0	I' 72441 0	C' 02335 0	C' 28321 0	C' 00001 0
04,3020	I' 72441 0	C' 02335 0	C' 28323 1	C' 00007 0	I' 41456 0	I' 47235 0	C' 00001 0	C' 00023 0
04,3030	I' 53552 0	I' 77656 1	C' 24001 0	C' 00023 0	I' 74241 0	C' 00015 0	I' 77752 1	I' 53445 1
04,3040	I' 77656 1	I' 50206 0	C' 00001 0	I' 65552 0	C' 26325 1	I' 50235 0	C' 00001 0	I' 71244 0
04,3050	C' 11055 1	C' 11467 1	I' 77625 0	C' 02325 1	C' 02325 1	I' 47145 1	C' 00037 0	C' 45541 0
04,3060	C' 01052 1	I' 77776 1	33102 1	04555 0	C' 20465 1	15423 0	15423 0	12751 1
04,3070	56001 0	00006 1	13075 1	56001 0	12762 1	06006 1	I' 52034 1	C' 45505 0
04,3100	C' 10766 1	C' 01420 0	C' 01532 1	04555 0	C' 73726 0	03110 1	04555 0	C' 73741 1
04,3110	04555 0	C' 73746 0	33440 1	03427 0	33441 0	04555 0	C' 20763 1	14106 0
04,3120	13125 0	13114 1	36214 0	05415 1	15112 1	34715 0	55131 1	34712 0
04,3130	55132 1	33442 0	04555 0	C' 20763 1	14106 0	13142 1	13131 0	34710 0
04,3140	05415 1	15112 1	06006 1	I' 70535 0	C' 01133 1	I' 71230 0	C' 11154 1	C' 03656 1
04,3150	C' 02611 0	I' 77614 1	C' 01230 1	C' 11203 0	I' 43014 0	C' 01070 1	C' 00670 0	I' 77624 1
04,3160	C' 11362 0	I' 43214 1	C' 00470 1	C' 03413 1	C' 03656 1	C' 01046 1	I' 77776 1	33443 1
04,3170	04555 0	C' 20763 1	14106 0	13200 1	13167 0	36211 0	05415 1	15112 1
04,3200	33444 0	03427 0	06006 1	I' 45014 0	C' 04266 1	C' 10716 0	I' 77624 1	C' 11362 0
04,3210	I' 71214 0	C' 01350 0	C' 11232 1	C' 03656 1	C' 34041 0	C' 11413 1	I' 53575 0	C' 00001 0
04,3220	I' 47315 0	C' 00007 0	I' 60246 1	C' 00047 1	I' 56325 0	C' 02611 0	I' 77657 0	C' 20172 1
04,3230	C' 36613 0	C' 11236 0	I' 43345 1	C' 02611 0	C' 00037 0	C' 03656 1	I' 45345 1	C' 03656 1
04,3240	C' 02613 1	C' 02615 1	C' 34041 0	C' 11413 1	I' 77745 1	C' 03413 1	C' 03503 1	I' 77331 0
04,3250	C' 02371 0	C' 11255 0	C' 00001 0	I' 77624 1	C' 72547 1	I' 43014 0	C' 04346 1	C' 11266 0
04,3260	C' 01311 0	C' 11264 1	I' 77614 1	C' 00470 1	I' 77776 1	03313 0	I' 51575 1	C' 03646 0
04,3270	C' 26635 0	C' 03640 0	I' 51451 0	C' 03620 0	C' 26637 1	C' 03540 0	I' 45115 0	C' 03612 1
04,3300	C' 45312 0	I' 77624 1	C' 45422 1	C' 02641 0	I' 43014 0	C' 01311 0	C' 11310 0	C' 00470 1
04,3310	I' 77776 1	33445 1	03427 0	33446 1	03427 0	06006 1	I' 77214 0	C' 01267 0
04,3320	C' 03646 0	C' 37646 1	C' 73005 0	I' 52014 0	C' 04306 0	C' 11347 1	C' 11206 0	04555 0
04,3330	C' 73726 0	00006 1	31422 1	03340 0	04555 0	C' 73741 1	00006 1	31424 1
04,3340	53764 1	04555 0	C' 73746 0	06006 1	I' 45014 0	C' 04066 0	C' 10716 0	I' 43234 0
04,3350	C' 45505 0	C' 02364 1	C' 03413 1	C' 34041 0	C' 45354 1	I' 77624 1	C' 72522 1	I' 52145 0
04,3360	C' 02615 1	C' 11242 0	I' 71220 1	C' 02367 1	C' 03413 1	C' 34041 0	C' 45354 1	I' 53775 1
04,3370	C' 03554 0	C' 57176 0	C' 16657 1	C' 03754 1	I' 71406 0	C' 16734 0	I' 43156 1	C' 03466 0

[illegible]



OCTAL LISTING FOR PARAGRAPH J 044, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR Aca (CONSTANTS)

05,2000	C' 77340 0	C' 32047 0	C' 24340 0	C' 32056 0	C' 14340 0	C' 32063 0	C' 03412 0	C' 03422 0
05,2010	C' 13414 1	C' 03427 0	C' 01245 0	C' 11182 1	C' 03025 0	C' 03231 1	C' 03702 1	C' 00007 0
05,2020	C' 00007 0	C' 00007 0	C' 25735 1	C' 32065 0	C' 00024 1	C' 32067 1	C' 24340 0	C' 32056 0
05,2030	C' 14340 0	C' 32063 0	C' 32076 1	C' 03743 1	C' 03753 0	C' 02610 1	C' 00106 0	C' 01336 0
05,2040	C' 03231 1	C' 01331 1	C' 32101 0	C' 13720 0	C' 00007 0	C' 00007 0	C' 77770 1	C' 76605 0
05,2050	C' 01174 1	C' 01176 0	C' 01200 1	C' 01202 0	C' 01204 0	C' 76607 1	C' 77743 1	C' 03133 0
05,2060	C' 03135 0	C' 03137 1	C' 77745 1	C' 07076 1	C' 70605 0	C' 20074 0	C' 52754 0	C' 76054 1
05,2070	C' 01725 0	C' 01727 1	C' 01731 0	C' 01733 1	C' 01642 0	C' 76056 0	C' 01432 0	C' 10372 0
05,2100	C' 73741 1	C' 03073 0	C' 03066 1	C' 07167 0	C' 13125 0	C' 05154 1	C' 01320 1	C' 34011 0
05,2110	C' 34013 1	C' 34030 0	C' 43745 0	C' 32047 0	C' 24340 0	C' 32056 0	C' 14340 0	C' 32063 0
05,2120	C' 03412 0	C' 00302 0	C' 17674 1	C' 17502 0	C' 06363 1	C' 02355 0	C' 13720 0	C' 25735 1
05,2130	C' 32065-0	C' 00024 1	C' 32067 1	C' 24340 0	C' 32056 0	C' 14340 0	C' 32063 0	C' 32076 1
05,2140	C' 12757 1	C' 00106 0	C' 01336 0	C' 02633 0	C' 01331 1	C' 32101 0	C' 52754 0	C' 32047 0
05,2150	C' 24340 0	C' 32056 0	C' 14340 0	C' 32063 0	C' 03412 0	C' 03422 0	C' 13414 1	C' 01151 0
05,2160	C' 17674 1	C' 01125 0	C' 03662 0	C' 03424 0	C' 02636 0	C' 00007 0	C' 00007 0	C' 03655 1
05,2170	C' 13404 0	C' 06320 0	C' 32065 0	C' 00024 1	C' 32067 1	C' 24340 0	C' 32056 0	C' 14340 0
05,2200	C' 32063 0	C' 32076 1	C' 03743 1	C' 03753 0	C' 02610 1	C' 13645 1	C' 01331 1	C' 32101 0
05,2210	C' 02324 0	C' 07400 1	C' 07766 1	C' 77071 1	C' 32047 0	C' 24340 0	C' 32056 0	C' 14340 0
05,2220	C' 32063 0	C' 07300 0	C' 03635 1	C' 24304 0	C' 14320 0	C' 04300 0	C' 03313 0	C' 13675 1
05,2230	C' 07400 1	C' 03265 0	C' 32065 0	C' 00024 1	C' 32264 0	C' 24340 0	C' 32056 0	C' 14340 0
05,2240	C' 07076 1	C' 13167 0	C' 07300 0	C' 24304 0	C' 14320 0	C' 03073 0	C' 03066 1	C' 03314 1
05,2250	C' 01331 1	C' 13125 0	C' 05154 1	C' 01320 1	C' 34011 0	C' 34013 1	C' 34030 0	C' 34032 1
05,2260	C' 01432 0	C' 10372 0	C' 00106 0	C' 74007 0	C' 76615 1	C' 01164 0	C' 01166 1	C' 03726 1
05,2270	C' 03724 0	C' 03766 0	C' 76532 1	C' 32047 0	C' 24340 0	C' 32056 0	C' 14340 0	C' 32063 0
05,2300	C' 27537 0	C' 27553 1	C' 27567 0	C' 02751 0	C' 00007 0	C' 00007 0	C' 00007 0	C' 32065 0
05,2310	C' 00024 1	C' 32337 1	C' 04340 1	C' 00007 0	C' 00007 0	C' 00007 0	C' 00007 0	C' 32056 0
05,2320	C' 14340 0	C' 32063 0	C' 32076 1	C' 02747 1	C' 00106 0	C' 12025 0	C' 00007 0	C' 01331 1
05,2330	C' 32101 0	C' 00007 0	C' 00007 0	C' 00007 0	C' 00007 0	C' 00007 0	C' 77770 1	C' 76672 0
05,2340	C' 01107 0	C' 76674 0	C' 02113 0	C' 02214 1	C' 02147 1	C' 02001 1	C' 02273 0	00004 0
05,2350	02767 0	12356 1	34675 1	05042 1	C' 77777 0	C' 77777 0	31036 0	74726 1
05,2360	64674 0	55036 1	34714 1	55365 1	54375 1	54376 1	54377 0	55154 1
05,2370	44603 1	55302 0	34714 1	55360 1	55362 0	55501 0	00006 1	01005 0

III

OCTAL LISTING FOR PARAGRAPH J 045, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIB (INTERPRETIVE OPERATOR WORDS) OR ACB (CONSTANTS)

05,2400	00006 1	01008 0	00006 1	01011 0	00006 1	01012 0	00006 1	01013 1
05,2410	00006 1	01014 0	55316 0	54332 1	54371 0	55071 1	55130 0	55126 1
05,2420	55125 1	55044 1	41036 1	74726 1	10000 0	02431 0	34726 0	00006 1
05,2430	05012 1	02474 1	44714 0	55011 1	34371 0	54366 0	33167 1	55320 0
05,2440	37716 0	55303 1	33172 0	55331 0	34783 1	55321 1	00006 1	33146 1
05,2450	53313 0	00006 1	33175 1	52075 1	00006 1	33177 0	52077 0	00006 1
05,2460	33201 1	52101 0	00006 1	33203 0	52103 1	00006 1	33205 0	52105 1
05,2470	33206 0	54106 1	04574 0	C' 03225 1	00004 0	00006 1	34714 1	52755 1
05,2500	00006 1	34714 1	52761 0	00006 1	34714 1	52753 1	00006 1	34714 1
05,2510	52757 0	00006 1	34714 1	52763 1	00006 1	34714 1	52765 1	00002 0
05,2520	25154 0	22002 0	00006 1	04007 1	53433 0	02767 0	34364 1	71380 1
05,2530	00006 1	12533 1	12372 1	41380 1	00006 1	12552 0	61377 0	00006 1
05,2540	12542 1	12372 1	31374 0	54003 0	00006 1	31376 1	51377 0	52001 1
05,2550	34714 1	55380 1	34674 0	00006 1	03033 1	00006 1	12564 0	34675 1
05,2560	00006 1	02033 0	00006 1	12372 1	02744 1	30102 1	00006 1	74710 1
05,2570	76211 1	00006 1	50000 1	33146 1	53313 0	44675 0	70106 1	54106 1
05,2600	31331 1	73173 0	64704 0	55331 0	34705 1	71321 1	64763 1	55321 1
05,2610	33171 0	71038 1	64674 0	57038 0	74707 1	00006 1	12625 0	04633 0
05,2620	C' 16746 0	36211 0	05140 1	C' 02742 1	C' 16063 0	33155 0	71320 0	63170 1
05,2630	55320 0	40101 0	74704 1	10000 0	12657 0	34676 1	00006 1	05011 1
05,2640	12657 0	00004 0	02744 1	02777 1	43162 0	70106 1	54106 1	40102 0
05,2650	74105 0	00006 1	62657 1	34731 0	05140 1	C' 02660 0	C' 34066 0	34715 0
05,2660	54161 0	60000 1	00006 1	50000 1	30753 0	00006 1	06001 0	10000 0
05,2670	12737 1	12737 1	12737 1	10161 0	12660 1	54162 0	05247 0	00004 0
05,2700	30102 1	74105 0	00006 1	62712 1	34752 0	54003 0	04633 0	C' 45245 0
05,2710	34744 1	54003 0	34715 0	54161 0	60000 1	50000 1	10753 1	12721 0
05,2720	12726 1	54154 0	24154 1	24162 1	32743 0	04561 1	10161 0	12713 1
05,2730	10162 0	12472 0	34674 0	71011 1	00006 1	14106 0	12472 0	05537 0
05,2740	C' 01107 0	12372 1	C' 07777 1	C' 03520 0	34704 0	00006 1	02016 1	00006 1
05,2750	12764 1	34362 1	00006 1	02016 1	63166 0	00006 1	12765 0	00006 1
05,2760	00015 0	63166 0	00006 1	12765 0	00002 0	02767 0	12372 1	33156 0
05,2770	54335 0	34672 0	54026 1	67715 0	54027 0	67716 0	54030 0	33163 0

OCTAL LISTING FOR PARAGRAPH J 048, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A"B DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED A1A (INTERPRETIVE OPERATOR WORDS) OR ACD (CONSTANTS)

05,3000	00006 1	03011 1	33184 1	00008 1	03013 0	44875 0	70076 1	54076 1
05,3010	33185 0	54003 0	34873 1	55407 1	55408 0	55405 0	55404 1	55403 0
05,3020	55402 1	55401 1	55400 0	45173 0	55410 1	55412 0	55414 0	55416 1
05,3030	55420 1	55422 0	55424 0	55426 1	55430 0	45174 1	55411 0	55413 1
05,3040	55415 1	55417 0	55421 0	55423 1	55425 1	55427 0	55431 1	44714 0
05,3050	54187 0	54203 1	54217 1	54233 1	54247 1	54283 1	54277 1	55302 0
05,3060	54087 1	33160 0	54400 1	63181 1	54454 0	63181 1	54530 0	63181 1
05,3070	54804 1	63181 1	54660 0	34377 0	54154 0	44877 1	50154 1	55023 0
05,3100	10154 0	13074 0	55141 0	55142 0	55143 1	55144 0	55073 0	54045 1
05,3110	54778 0	55042 1	55013 0	55015 0	55012 1	55020 0	55021 1	55001 0
05,3120	55002 0	55043 0	55330 1	55322 1	55323 0	55324 1	55325 0	55304 0
05,3130	54100 1	34717 1	55018 0	34875 1	71044 1	55044 1	33157 1	55361 0
05,3140	44374 1	54777 1	00002 0	30001 0	15225 0	C' 03143 1	C' 12086 1	C' 02071 0
05,3150	C' 42086 1	C' 03185 0	C' 34086 0	C' 02785 1	C' 48068 0	C' 00435 0	C' 03351 0	C' 03334 0
05,3160	C' 00400 0	C' 00054 0	C' 20100 1	C' 77603 1	C' 74777 0	C' 01400 1	C' 77755 0	C' 37411 1
05,3170	C' 37000 0	C' 00450 0	C' 00130 0	C' 00430 0	C' 00000 1	C' 00000 1	C' 00000 1	C' 00000 1
05,3200	C' 00000 1	C' 00200 0	C' 00000 1	C' 00100 0	C' 00000 1	C' 00000 1	C' 00000 1	34334 1
05,3210	55508 1	31468 1	74876 0	00008 1	13220 0	51508 0	33304 0	13230 1
05,3220	31473 0	60000 1	00008 1	51508 0	73328 1	20001 1	51508 0	63314 1
05,3230	51508 0	55511 1	11508 1	13210 0	11488 0	13243 0	13243 0	53522 1
05,3240	21513 0	33341 1	27520 0	34711 1	55508 1	55507 0	31474 1	63340 0
05,3250	60000 1	55510 0	00008 1	63258 0	37715 0	55508 1	51508 0	31518 1
05,3260	00008 1	71510 0	60000 1	51507 1	81511 0	51507 1	55470 1	11507 0
05,3270	13300 0	31486 1	74875 0	10000 0	31473 0	61474 1	55475 1	00002 0
05,3300	55507 0	00006 1	27508 1	13258 1	C' 00816 0	C' 02528 1	C' 02352 1	C' 01471 1
05,3310	C' 00834 0	C' 00812 1	C' 03708 0	C' 04425 0	C' 00844 1	C' 03710 1	C' 04248 0	C' 02011 0
05,3320	C' 77501 0	C' 00812 1	C' 04858 0	C' 10372 0	C' 77126 1	C' 78281 0	C' 00787 1	C' 15824 0
05,3330	C' 03054 0	C' 04532 1	C' 10433 1	C' 00000 1	C' 22070 0	C' 03204 1	C' 77286 0	C' 02476 0
05,3340	C' 70384 1	C' 75420 0	54018 1	00008 1	22012 1	34704 0	00008 1	05013 0
05,3350	00335 1	37716 0	54337 1	54336 0	33474 0	54335 0	13372 0	10338 0
05,3360	03507 0	C' 77753 0	13383 0	10337 1	13522 0	C' 74001 0	30334 0	00006 1
05,3370	63372 1	13377 0	50332 0	32342 0	54334 1	40332 1	13612 0	50334 0



OCTAL LISTING FOR PARAGRAPH J 050, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" A DENOTES UNUSED FIXED MEMORY
ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED A1A (INTERPRETIVE OPERATOR WORDS) OR ACA (CONSTANTS)

06,2000	54016 1	00008 1	22012 1	11302 0	12010 0	12007 0	12136 0	34716 0
06,2010	54070 1	55302 0	11036 1	02063 0	02063 0	57036 0	74372 1	55036 1
06,2020	64105 1	00008 1	01010 1	02071 0	55016 0	44714 0	54073 1	56776 1
06,2030	64713 0	54776 0	50776 1	11023 0	10776 0	12030 1	12047 1	C' 00012 1
06,2040	10073 1	C' 37764 0	55016 0	00002 0	54073 1	32037 1	12031 0	64712 1
06,2050	50776 1	55023 0	74372 1	54073 1	34364 1	50776 1	74072 1	60073 0
06,2060	00008 1	01010 1	16706 1	10101 0	34714 1	12132 1	11016 0	02024 0
06,2070	12132 1	42173 1	27302 0	37700 1	54027 0	31321 0	00006 1	06032 0
06,2100	74675 0	00008 1	12116 1	23321 0	00006 1	06001 0	55321 1	74675 0
06,2110	10000 0	12116 1	34371 0	05027 1	C' 03353 1	C' 60101 1	50070 0	12120 1
06,2120	12130 0	12765 0	12174 0	15222 1	12130 0	12765 0	12174 0	15222 1
06,2130	04633 0	C' 20000 0	00006 1	01010 1	32041 0	12074 1	34675 1	71302 0
06,2140	00008 1	12167 1	11016 0	02024 0	12154 1	44675 0	27302 0	37700 1
06,2150	54027 0	34702 0	27302 0	05222 0	00006 1	01010 1	37700 1	26027 0
06,2160	34702 0	27302 0	11302 0	05222 0	C' 37737 0	02156 1	05222 0	00006 1
06,2170	01010 1	34675 1	12146 1	C' 22400 0	31320 1	00006 1	06030 1	72743 1
06,2200	00008 1	12231 1	54070 1	23320 1	00006 1	06001 0	55320 0	44712 0
06,2210	56070 0	00008 1	62507 1	12215 1	64712 1	24070 0	60000 1	54000 0
06,2220	12215 1	56071 1	50070 0	34675 1	71320 0	50070 0	02737 0	10071 0
06,2230	12214 0	41320 0	74704 1	10000 0	12367 0	34703 1	71320 0	10000 0
06,2240	12244 0	34703 1	27320 0	12367 0	42757 1	71320 0	55320 0	74675 0
06,2250	10000 0	12342 1	41320 0	74702 1	10000 0	12260 0	05537 0	C' 00213 1
06,2260	02717 1	32764 0	05140 1	C' 02270 0	C' 14063 1	12367 0	32764 0	05161 1
06,2270	44711 0	71320 0	57320 1	74711 0	00006 1	12310 0	34675 1	71320 0
06,2300	00008 1	12266 0	40074 0	74703 0	10000 0	15213 0	04574 0	C' 17441 0
06,2310	34674 0	00008 1	05012 1	04633 0	C' 17070 0	05410 1	44722 0	00006 1
06,2320	03012 1	34700 1	05161 1	42754 1	71320 0	55320 0	44705 0	71321 1
06,2330	55321 1	02665 0	44674 1	00006 1	03012 1	34740 0	05140 1	C' 03056 1
06,2340	C' 16063 0	15213 0	34707 0	00006 1	02012 0	10000 0	12367 0	34703 1
06,2350	70074 0	10000 0	12367 0	02730 1	04633 0	C' 17070 0	34706 1	00006 1
06,2360	05012 1	05410 1	34705 1	05140 1	C' 02315 1	C' 14062 0	12367 0	31321 0
06,2370	74763 0	54001 1	34763 1	00006 1	03033 1	00006 1	06001 0	00006 1



OCTAL LISTING FOR PARAGRAPH J 051, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" A DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED A1A (INTERPRETIVE OPERATOR WORDS) OR ACB (CONSTANTS)

06,2400	12427 0	54070 1	23321 0	00006 1	06001 0	55321 1	34714 1	58070 0
06,2410	60000 1	12414 0	64712 1	24070 0	60000 1	54000 0	12413 1	58071 1
06,2420	50070 0	34676 1	71321 1	50070 0	02745 0	10071 0	12412 0	10034 1
06,2430	12434 1	12460 0	12434 1	12460 0	62505 0	00006 1	62457 0	62508 0
06,2440	00008 1	62455 1	34707 0	00008 1	02012 0	10000 0	12455 0	04833 0
06,2450	C' 16746 0	36211 0	05140 1	C' 02742 1	C' 16583 0	34705 1	12460 0	34714 1
06,2460	61038 0	74705 0	00008 1	15222 1	71038 1	10000 0	12502 0	34705 1
06,2470	71320 0	10000 0	15222 1	41038 1	74705 0	64674 0	57038 0	72164 1
06,2500	27038 1	15222 1	02750 1	15222 1	12473 1	C' 63434 1	C' 75252 0	74672 1
06,2510	54071 0	11320 0	12520 0	12520 0	34707 0	00008 1	05011 1	12227 0
06,2520	02750 1	12227 0	44707 1	00008 1	03011 1	12227 0	34711 1	71320 0
06,2530	10000 0	12227 0	34875 1	71320 0	00008 1	12551 0	34674 0	00008 1
06,2540	02012 0	00008 1	12544 1	12227 0	34711 1	27320 0	05537 0	C' 00207 1
06,2550	12227 0	41320 0	74704 1	27320 0	12227 0	10000 0	12354 0	42762 1
06,2560	00008 1	03014 1	42756 0	00008 1	03012 1	44676 0	00008 1	03011 1
06,2570	02725 0	04633 0	C' 16777 1	44714 0	54050 0	54051 1	54052 1	54047 0
06,2600	42761 1	00008 1	03014 1	12227 0	00008 1	12625 0	41321 1	74705 0
06,2610	27321 1	04633 0	C' 16777 1	42757 1	70074 0	56074 1	40000 0	74703 0
06,2620	10000 0	12227 0	05537 0	C' 00214 0	12227 0	34711 1	71320 0	10000 0
06,2630	12227 0	12551 0	10000 0	34701 0	57320 1	72763 0	27320 0	02865 0
06,2640	41320 0	74712 0	10000 0	12425 1	31320 1	72760 0	10000 0	12425 1
06,2650	05537 0	C' 00212 0	12425 1	10000 0	12425 1	05537 0	C' 01105 1	12425 1
06,2660	10000 0	12425 1	05537 0	C' 01106 1	12425 1	34720 0	71320 0	00008 1
06,2670	74701 1	31320 1	00008 1	04001 1	40000 0	74762 1	10000 0	12710 1
06,2700	34712 1	71321 1	10000 0	00002 0	44712 0	00008 1	03011 1	00002 0
06,2710	00008 1	22066 1	05651 0	34712 1	00008 1	05011 1	00066 1	47703 0
06,2720	00008 1	03012 1	34722 1	00008 1	05012 1	41038 1	72753 0	27038 1
06,2730	41320 0	72755 0	27320 0	41321 1	74705 0	27321 1	00002 0	12526 0
06,2740	12665 1	12665 1	12555 1	C' 76400 1	12604 0	12632 0	12653 1	12660 1
06,2750	41321 1	74712 0	13065 0	C' 40010 1	C' 00054 0	C' 00075 0	C' 00272 0	C' 00300 1
06,2760	C' 01720 0	C' 00740 1	C' 77000 1	C' 76777 1	C' 21450 0	31331 1	00008 1	06030 1
06,2770	74704 1	54070 1	10000 0	03224 0	11303 1	13001 1	13001 1	13001 1



OCTAL LISTING FOR PARAGRAPH J 052, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" A DENOTES UNUSED FIXED MEMORY
ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED A1A (INTERPRETIVE OPERATOR WORDS) OR ACA (CONSTANTS)

06,3000	15222 1	31331 1	00006 1	06033 1	74722 0	26070 1	23331 1	00006 1
06,3010	06001 0	55331 0	40000 0	74722 0	00006 1	13022 0	74706 0	10000 0
06,3020	03022 1	37716 0	55314 1	11315 0	03125 1	03077 1	03027 1	11314 1
06,3030	03047 1	03037 0	03057 0	03154 1	11317 1	03153 0	03157 1	03057 0
06,3040	03154 1	05537 0	C' 00116 1	34717 1	55316 0	03070 0	03154 1	03057 0
06,3050	03115 1	05537 0	C' 00116 1	03070 0	03112 0	34702 0	13064 1	34712 1
06,3060	71331 0	10000 0	05222 0	34710 0	71331 0	10000 0	24002 0	00002 0
06,3070	46211 1	71331 0	55331 0	44712 0	00006 1	03012 1	00002 0	11314 1
06,3100	03112 0	03107 1	11316 0	03105 0	03151 1	03216 1	03154 1	11316 0
06,3110	55316 0	03154 1	34714 1	55316 0	55317 1	03055 1	03154 1	34712 1
06,3120	55303 1	34711 1	00006 1	05012 1	03154 1	11314 1	03154 1	03133 0
06,3130	34705 1	55317 1	03216 1	11303 1	03140 1	03140 1	03137 1	03154 1
06,3140	37716 0	55303 1	44711 0	00006 1	03012 1	41331 0	74702 1	27331 0
06,3150	03154 1	03216 1	34705 1	55317 1	31314 0	55315 0	05222 0	34712 1
06,3160	00006 1	05012 1	34112 1	05140 1	C' 03172 0	C' 14062 0	41331 0	74712 0
06,3170	27331 0	03154 1	03210 1	44712 0	00006 1	03012 1	34112 1	05161 1
06,3200	41331 0	74701 1	27331 0	44716 1	71331 0	55331 0	03224 0	05213 1
06,3210	34714 1	54036 0	55307 0	43261 0	54035 0	00002 0	34714 1	55316 0
06,3220	41331 0	76211 1	27331 0	00002 0	34704 0	00006 1	02030 0	10000 0
06,3230	13252 0	34711 1	71331 0	10000 0	00002 0	34703 1	61036 0	74703 0
06,3240	00006 1	16711 1	54001 1	31036 0	00006 1	06001 0	74672 1	64674 0
06,3250	55036 1	00002 0	34712 1	71321 1	10000 0	00002 0	34703 1	71036 1
06,3260	13240 0	C' 16037 1	33516 0	56003 1	54163 1	11477 0	13271 1	13271 1
06,3270	13407 0	00004 0	34710 0	54132 0	50132 1	31453 1	00006 1	50132 1
06,3300	71162 1	54002 1	30001 0	00006 1	74705 0	50132 1	55163 0	30002 0
06,3310	00006 1	74705 0	50132 1	21163 0	50132 1	41452 1	00006 1	71074 1
06,3320	00006 1	74712 0	50132 1	21163 0	10132 0	67716 0	13273 0	13330 0
06,3330	00003 1	55477 0	54130 1	00006 1	41163 0	52155 1	31463 1	03412 0
06,3340	00006 1	41165 0	52155 1	41466 0	03412 0	41460 0	03441 0	00006 1
06,3350	41165 0	52155 1	31464 0	03412 0	00006 1	41167 1	52155 1	41467 1
06,3360	03412 0	41461 1	03441 0	00006 1	41165 0	52155 1	31470 0	03412 0
06,3370	00006 1	41167 1	52155 1	31465 1	03412 0	31462 0	03441 0	11477 0



OCTAL LISTING FOR PARAGRAPH J 054, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A"8 DENOTES UNUSED FIXED MEMORY
ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED A18 (INTERPRETIVE OPERATOR WORDS) OR AC8 (CONSTANTS)

07,2000	C' 03874 1	C' 03725 1	00004 0	54070 1	36211 0	71044 1	10000 0	02013 1
07,2010	34711 1	27044 1	02015 1	05604 0	C' 01211 1	10400 1	02031 1	10454 0
07,2020	02031 1	10530 0	02031 1	10604 1	02031 1	10660 0	02031 1	05604 0
07,2030	C' 01207 0	64711 1	55330 1	50000 1	54052 1	34714 1	51330 0	53777 0
07,2040	05253 0	C' 00065 1	12044 1	14570 0	05253 0	C' 00066 1	12050 1	14570 0
07,2050	34877 0	00006 1	70070 1	56001 0	27330 1	37667 1	05027 1	C' 02346 1
07,2060	C' 16062 1	00003 1	14570 0	34714 1	57330 0	10000 0	50000 1	54000 0
07,2070	00004 0	44702 1	71331 0	55331 0	37716 0	55303 1	44711 0	00006 1
07,2100	03012 1	00003 1	04570 1	54016 1	30035 1	54362 1	30036 1	54380 0
07,2110	30033 1	54357 1	30034 0	54361 1	30032 0	54363 0	00006 1	30025 0
07,2120	52356 0	00006 1	30356 1	52014 0	56002 0	54012 0	34705 1	00006 1
07,2130	02016 1	10000 0	02427 1	34704 0	00006 1	02016 1	10000 0	02300 0
07,2140	34362 1	00006 1	02016 1	00006 1	12147 0	04574 0	C' 17622 1	05537 0
07,2150	C' 00113 1	05222 0	34675 1	70076 1	00006 1	12167 1	36211 0	05475 1
07,2160	C' 01725 0	C' 01734 0	36211 0	05475 1	C' 00355 1	C' 01725 0	15213 0	11330 1
07,2170	02224 1	34711 1	71044 1	00006 1	12216 1	34677 0	70101 0	00006 1
07,2200	12216 1	34754 0	05027 1	C' 02405 1	C' 76067 1	36211 0	05475 1	C' 00355 1
07,2210	C' 01674 0	36211 0	05475 1	C' 00355 1	C' 01725 0	15213 0	05537 0	C' 00122 0
07,2220	15213 0	05537 0	C' 00114 0	15213 0	67711 1	00006 1	62221 1	55330 1
07,2230	40000 0	74701 1	27330 1	74741 0	54061 1	50000 1	56052 0	54062 1
07,2240	64716 0	50061 0	54052 1	00006 1	30356 1	50062 0	52001 1	30357 0
07,2250	50062 0	54002 1	30360 1	50062 0	54003 0	30361 0	50062 0	54004 1
07,2260	30362 0	50062 0	54005 0	30363 1	50062 0	54006 0	37671 0	71330 1
07,2270	00006 1	12273 1	15213 0	37667 1	05027 1	C' 02421 1	C' 16062 1	15213 0
07,2300	34675 1	70076 1	00006 1	12307 0	37716 0	55725 1	05222 0	11330 1
07,2310	02314 0	05537 0	C' 00112 0	05222 0	44701 1	71330 1	57330 0	74701 1
07,2320	10000 0	02325 1	05537 0	C' 00110 1	05222 0	34741 1	71330 1	54061 1
07,2330	44716 1	50061 0	26052 1	34677 0	61330 0	57330 0	77671 1	10000 0
07,2340	05222 0	37667 1	05027 1	C' 02346 1	C' 16062 1	05222 0	04555 0	C' 20464 0
07,2350	32426 0	04555 0	C' 20476 0	12356 1	12367 0	12415 1	05425 1	05253 0
07,2360	C' 00003 1	12363 1	02365 0	04574 0	C' 30176 1	05435 0	C' 00032 0	34741 1
07,2370	71330 1	55330 1	40000 0	51330 0	60052 0	00006 1	62402 0	00006 1

OCTAL LISTING FOR PARAGRAPH J 055, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" A DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACA (CONSTANTS)

07,2400	74877 1	64712 1	51330 0	54052 1	00004 0	34715 0	05140 1	C' 02412 1
07,2410	C' 16062 1	05423 1	34712 1	04633 0	C' 17487 1	37671 0	71330 1	10000 0
07,2420	12346 0	34333 0	55045 0	32425 0	12351 0	C' 14431 1	C' 14600 1	11341 1
07,2430	12433 0	12433 0	34714 1	64712 1	05140 1	C' 02203 1	C' 20067 1	15222 1
07,2440	I' 40220 0	C' 02370 1	C' 00001 0	I' 73150 1	C' 03745 1	C' 03746 1	I' 53775 1	C' 03840 0
07,2450	C' 57176 0	C' 22746 1	C' 11833 1	I' 53715 1	C' 03632 0	C' 57176 0	I' 64646 1	C' 11631 0
07,2460	I' 47515 0	C' 02746 0	I' 57301 1	C' 00047 1	I' 53605 1	C' 00003 1	C' 21576 0	I' 77821 1
07,2470	C' 11506 1	I' 65301 0	C' 00047 1	I' 56362 0	I' 41457 1	C' 20174 1	I' 75542 0	I' 77605 1
07,2500	I' 65301 0	C' 00047 1	I' 56342 1	I' 53605 1	C' 03752 1	C' 20201 0	I' 60325 0	C' 11520 0
07,2510	C' 00047 1	I' 56325 0	I' 77857 0	C' 20176 0	C' 37754 0	C' 02370 1	00004 0	41036 1
07,2520	74726 1	10000 0	12526 0	05537 0	C' 00206 0	13461 0	03455 0	41321 1
07,2530	74730 0	27321 1	41320 0	75656 0	27320 0	44726 1	00006 1	03012 1
07,2540	03070 0	34706 1	00006 1	05012 1	05410 1	34705 1	05140 1	C' 02561 1
07,2550	C' 16103 1	41320 0	74702 1	10000 0	12557 0	05537 0	C' 00210 1	00003 1
07,2560	14570 0	03443 1	05410 1	44706 0	00006 1	03012 1	34700 1	05161 1
07,2570	03443 1	45656 0	71320 0	55320 0	44730 0	71321 1	55321 1	04633 0
07,2600	C' 14685 1	13433 1	00004 0	03455 0	02746 0	36211 0	05140 1	C' 02812 0
07,2610	C' 16103 1	12557 0	03443 1	34705 1	00006 1	05012 1	34711 1	55474 0
07,2620	51474 1	31155 1	00006 1	51474 1	20032 1	00006 1	74676 0	56001 0
07,2630	60000 1	54061 1	12634 0	26001 1	51474 1	23471 1	11474 0	02617 0
07,2640	34711 1	05161 1	03443 1	54061 1	34711 1	55474 0	51474 1	11471 0
07,2650	02654 1	02663 0	02721 1	02663 0	63544 1	00006 1	62731 0	51474 1
07,2660	55471 0	43545 1	24061 0	64713 0	51474 1	54050 0	11474 0	02645 1
07,2670	10061 1	12735 0	05156 0	C' 00226 1	34711 1	54061 1	50000 1	30032 0
07,2700	00006 1	50061 0	21155 0	10000 0	12712 0	12707 1	12712 0	10061 1
07,2710	12675 0	13433 1	62720 0	00006 1	62707 0	05537 0	C' 00211 0	13441 1
07,2720	C' 77511 1	63544 1	00006 1	62731 0	40000 0	51474 1	55471 0	33545 0
07,2730	02662 1	34714 1	51474 1	57471 1	02662 1	37707 0	00006 1	05014 1
07,2740	33546 0	12641 1	34705 1	00006 1	05012 1	05213 1	34707 0	00006 1
07,2750	02012 0	10000 0	00002 0	44705 0	00006 1	03012 1	44701 1	00006 1
07,2760	03014 1	44714 0	54047 0	34707 0	00006 1	05012 1	41036 1	73011 0
07,2770	27036 1	41321 1	74705 0	27321 1	41320 0	74707 1	27320 0	44706 0



OCTAL LISTING FOR PARAGRAPH J 056, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, "A" DENOTES UNUSED FIXED MEMORY
ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACA (CONSTANTS)

07,3000	70075 1	54075 1	44674 1	70078 1	54078 1	44678 0	70077 0	54077 0
07,3010	00002 0	C' 40010 1	00004 0	03455 0	43543 1	00008 1	03012 1	44705 0
07,3020	71321 1	55321 1	03070 0	34701 0	05140 1	C' 03036 1	C' 16103 1	34735 1
07,3030	05140 1	C' 03034 0	C' 16103 1	12557 0	03443 1	13433 1	03450 0	15213 0
07,3040	34707 0	00008 1	02012 0	10000 0	15213 0	41320 0	74678 0	27320 0
07,3050	44707 1	71320 0	55320 0	04633 0	C' 14685 1	15213 0	03450 0	15213 0
07,3060	41320 0	74701 1	27320 0	41321 1	74678 0	27321 1	44706 0	13051 1
07,3070	43011 0	71036 1	64674 0	55036 1	00002 0	44714 0	54037 1	54040 1
07,3100	54041 0	03450 0	14570 0	00004 0	44712 0	71320 0	55320 0	04633 0
07,3110	C' 14685 1	12557 0	00004 0	41320 0	74712 0	27320 0	74701 1	10000 0
07,3120	12557 0	05537 0	C' 00212 0	00004 0	13107 0	54161 0	03455 0	11304 0
07,3130	03171 0	54156 1	34705 1	00006 1	05014 1	34710 0	05140 1	C' 03207 1
07,3140	C' 16103 1	30161 1	56003 1	56161 1	55304 0	74373 0	54061 1	34711 1
07,3150	54157 0	60000 1	60081 0	54160 1	00006 1	50000 1	31401 0	52155 1
07,3160	07226 0	52155 1	50160 0	53401 1	10157 0	13150 1	30161 1	54003 0
07,3170	12557 0	00006 1	30134 1	52155 1	33206 0	15070 1	11304 0	13174 1
07,3200	54156 1	00006 1	30155 0	52134 0	34712 1	13136 1	C' 17176 1	43430 1
07,3210	00006 1	03014 1	03443 1	31304 1	00008 1	74707 1	50000 1	13220 0
07,3220	03235 0	C' 00202 1	03235 0	C' 00302 0	03233 0	C' 00100 0	34714 1	55304 0
07,3230	33206 0	05074 1	13034 1	44710 1	27304 0	50002 0	30000 1	54064 1
07,3240	74716 1	64676 1	27304 0	54003 0	74373 0	54061 1	44716 1	70064 1
07,3250	54064 1	00006 1	50061 0	31401 0	52071 0	10070 1	13271 1	13261 0
07,3260	13411 1	10071 0	13266 1	13213 0	13406 1	13213 0	63322 1	00006 1
07,3270	63213 1	00006 1	33432 1	20071 0	30064 0	00006 1	05014 1	36043 0
07,3300	70071 0	56071 1	00006 1	74703 0	54062 1	30070 0	00006 1	74702 1
07,3310	54070 1	30001 0	00006 1	74675 0	26062 1	00006 1	30071 1	67716 0
07,3320	10000 0	13345 1	C' 77601 0	13327 0	34675 1	26062 1	34714 1	50061 0
07,3330	53401 1	30062 0	54047 0	00006 1	74701 1	66214 0	05140 1	C' 03207 1
07,3340	C' 16103 1	34701 0	00006 1	05014 1	15213 0	50061 0	53401 1	34675 1
07,3350	60062 0	54047 0	00006 1	74701 1	67714 1	05140 1	C' 03361 0	C' 16103 1
07,3360	13341 0	03443 1	34707 0	00006 1	02012 0	10000 0	13441 1	31304 1
07,3370	54003 0	74373 0	54061 1	50061 0	11400 0	13401 0	34675 1	26047 0

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED \mathbf{AIB} (INTERPRETIVE OPERATOR WORDS) OR \mathbf{ACB} (CONSTANTS)

[illegible]



OCTAL LISTING FOR PARAGRAPH J 060, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" A DENOTES UNUSED FIXED MEMORY
ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACA (CONSTANTS)

10,2000	30036 1	54001 1	10000 0	67707 0	12006 1	12003 1	00008 1	62016 1
10,2010	31307 1	00006 1	12014 1	12020 0	56001 0	12017 1	34714 1	55307 0
10,2020	11303 1	02025 1	02025 1	05222 0	05222 0	31314 0	00006 1	65222 0
10,2030	34701 0	71331 0	10000 0	02036 0	05537 0	C' 00120 1	34711 1	00006 1
10,2040	02012 0	00006 1	12175 1	34712 1	55303 1	00006 1	12132 1	51303 0
10,2050	31160 1	00006 1	51303 0	20035 0	00006 1	74676 0	56001 0	60000 1
10,2060	54061 1	12063 1	26001 1	51303 0	23305 0	11303 1	12044 1	54061 1
10,2070	10036 0	64673 1	12074 1	12071 1	00006 1	62122 1	31307 1	00006 1
10,2100	12122 0	74674 1	54001 1	31306 0	74674 1	00006 1	06001 0	10000 0
10,2110	12122 0	11161 1	64673 1	12115 1	12112 0	00006 1	62120 0	12122 0
10,2120	41306 1	55306 1	34712 1	55303 1	50000 1	11305 1	02144 1	02151 0
10,2130	02161 0	02151 0	40035 0	61160 1	54002 1	02047 0	10000 0	34672 0
10,2140	02142 1	44672 1	54001 1	02063 0	62202 0	00006 1	62166 1	42201 1
10,2150	24061 0	64713 0	51303 0	54053 0	11303 1	02123 0	10061 1	12171 0
10,2160	05222 0	62202 0	00006 1	62166 1	32201 0	12150 0	51303 0	57305 0
10,2170	12150 0	34755 1	00006 1	05014 1	05222 0	34711 1	00006 1	05012 1
10,2200	05222 0	C' 77532 0	C' 77533 1	31341 0	00006 1	62216 0	44712 0	54354 1
10,2210	30363 1	02220 0	30357 0	02220 0	30361 0	02220 0	04633 0	C' 16152 0
10,2220	24354 0	00006 1	50354 0	20032 1	10000 0	12231 1	00002 0	12231 1
10,2230	00002 0	67715 0	00006 1	62230 1	05537 0	C' 00121 0	15213 0	I' 43414 1
10,2240	C' 04756 1	C' 20242 1	I' 53775 1	C' 01521 0	C' 57605 0	I' 53855 1	C' 01535 0	C' 57576 1
10,2250	C' 25171 1	C' 01527 0	I' 53257 1	C' 57602 1	C' 01543 1	I' 77657 0	C' 57576 1	C' 15177 1
10,2260	C' 01517 0	C' 01205 1	I' 77616 0	I' 53775 1	C' 01521 0	C' 57605 0	I' 53855 1	C' 01535 0
10,2270	C' 57576 1	C' 25722 1	C' 01527 0	I' 53257 1	C' 57602 1	C' 01543 1	I' 77657 0	C' 57576 1
10,2300	C' 01730 1	I' 77616 0	I' 67201 0	C' 00001 0	C' 03012 1	I' 41542 1	I' 65346 0	I' 65356 1
10,2310	C' 03316 0	I' 74346 0	C' 03550 1	I' 73525 1	C' 03316 0	I' 53361 0	C' 03556 1	I' 77772 0
10,2320	C' 02722 1	I' 76435 1	C' 03542 1	I' 65361 0	I' 53361 0	C' 03542 1	I' 77772 0	C' 02714 1
10,2330	I' 76435 1	C' 02722 1	C' 26730 1	C' 01736 1	C' 26672 0	C' 01744 1	C' 26700 1	C' 01752 0
10,2340	C' 02706 1	I' 52014 0	C' 00260 0	C' 47244 0	00004 0	52071 0	34371 0	05027 1
10,2350	C' 03435 0	C' 60102 1	52071 0	00003 1	52006 0	22073 0	30065 1	74716 1
10,2360	60000 1	54061 1	30065 1	74765 0	00006 1	74677 1	54062 1	30065 1
10,2370	74105 0	56065 1	74761 1	10000 0	15315 1	30062 0	50061 0	54751 0



OCTAL LISTING FOR PARAGRAPH J 061, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" A DENOTES UNUSED FIXED MEMORY

ALL VALUED WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ABA (CONSTANTS)

10,2400	10066 0	12415 1	12403 0	40072 0	22072 1	50071 1	52751 0	10066 0
10,2410	12411 0	12415 1	40025 1	50071 1	55051 0	10065 0	12431 1	12434 1
10,2420	40025 1	50061 0	55051 0	30065 1	62427 1	10000 0	12427 0	C' 17777 0
10,2430	12434 1	00006 1	30025 0	53136 0	40062 1	50061 0	54750 1	30002 0
10,2440	22073 0	00003 1	52006 0	22073 0	30062 0	50061 0	54751 0	30070 0
10,2450	50061 0	55052 0	00006 1	30064 0	50061 0	53435 0	12400 0	05425 1
10,2460	13547 0	54155 1	34674 0	12626 0	34714 1	54155 1	33157 1	12626 0
10,2470	54155 1	33646 0	12626 0	54155 1	33633 1	12626 0	54155 1	33634 0
10,2500	12626 0	54155 1	34674 0	12604 0	54155 1	33157 1	12765 0	54155 1
10,2510	33646 0	12765 0	54155 1	33633 1	12765 0	34712 1	03063 1	30100 0
10,2520	73647 0	10000 0	12560 1	30100 0	74702 1	00006 1	12530 1	15112 1
10,2530	00004 0	44715 1	70100 1	64712 1	54100 1	00003 1	41070 0	74706 0
10,2540	10000 0	12544 1	40370 1	54370 1	34712 1	12744 0	30165 0	54156 1
10,2550	50164 1	33657 0	54162 0	50164 1	31067 1	54160 1	54003 0	00002 0
10,2560	30100 0	73402 0	10000 0	13602 1	40100 1	74710 1	00004 0	26100 1
10,2570	12662 0	30370 0	74160 0	13246 0	54155 1	34714 1	12626 0	54155 1
10,2600	34705 1	12626 0	54155 1	34714 1	54160 1	34714 1	12767 1	34714 1
10,2610	54155 1	33632 0	12626 0	54155 1	33632 0	12765 0	54155 1	34675 1
10,2620	12626 0	54155 1	34675 1	12604 0	54155 1	34707 0	54160 1	03050 1
10,2630	00003 1	12674 1	54155 1	33651 0	12765 0	54155 1	33651 0	12626 0
10,2640	34714 1	54164 0	03522 1	12650 1	30100 0	73670 1	10000 0	12723 1
10,2650	30100 0	75612 0	00006 1	12656 1	34714 1	13122 1	30100 0	73666 0
10,2660	00006 1	12664 0	34712 1	13122 1	03062 0	03333 1	05074 1	03350 1
10,2670	30025 0	55147 0	34714 1	12744 0	30167 1	77674 1	54163 1	37670 1
10,2700	05103 0	30160 0	73650 0	10000 0	12640 0	12707 1	12515 0	34711 1
10,2710	54164 0	03522 1	12725 1	41071 1	74707 1	10000 0	12725 1	30100 0
10,2720	73641 0	00006 1	12725 1	05622 1	C' 01502 1	03064 0	30163 0	00006 1
10,2730	04007 1	54366 0	30160 0	73642 0	10000 0	13102 0	12740 1	13102 0
10,2740	03333 1	05074 1	03350 1	34711 1	54164 0	13216 0	54155 1	37703 1
10,2750	12626 0	55045 0	33624 1	54155 1	33623 0	12626 0	54155 1	33627 1
10,2760	12626 0	03043 0	12626 0	54155 1	34707 0	54160 1	36214 0	00004 0
10,2770	54072 0	30167 1	77674 1	54063 0	30160 0	74707 1	10000 0	13005 0

OCTAL LISTING FOR PARAGRAPH J 062, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" DENOTES UNUSED FIXED MEMORY
ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIB (INTERPRETIVE OPERATOR WORDS) OR ACB (CONSTANTS)

10,3000	30063 1	05027 1	C' 02674 0	C' 20107 0	13013 1	30006 1	00006 1	04007 1
10,3010	54001 1	33665 1	05053 1	03050 1	00006 1	30156 0	50064 0	52156 1
10,3020	00006 1	30160 0	50064 0	52160 1	30064 0	54161 0	03055 1	00003 1
10,3030	14577 1	55045 0	33624 1	54155 1	33623 0	12765 0	54155 1	33627 1
10,3040	12765 0	03043 0	12765 0	55131 1	33630 1	54155 1	33631 0	00002 0
10,3050	00004 0	43640 1	70160 1	60003 1	54160 1	22002 0	04604 1	54157 0
10,3060	60072 1	00001 0	34714 1	54164 0	00004 0	30160 0	50164 1	55067 0
10,3070	73656 0	00006 1	13076 1	30157 1	50164 1	54372 0	30155 0	50164 1
10,3100	54367 1	13357 1	50164 1	33657 0	73106 1	07717 1	C' 03004 0	44712 0
10,3110	60164 1	54154 0	50154 1	33636 1	00004 0	05074 1	03350 1	50154 1
10,3120	33636 1	15070 1	54154 0	03333 1	05074 1	30154 1	50064 0	54154 0
10,3130	33143 1	03351 0	50154 1	33660 1	73662 1	07735 1	C' 74004 0	50154 1
10,3140	34706 1	64710 0	07717 1	C' 03112 0	30100 0	74710 1	10000 0	02530 0
10,3150	12664 0	34714 1	54160 1	50160 0	33652 0	64710 0	07735 1	C' 40010 1
10,3160	50160 0	33636 1	00004 0	05074 1	13463 1	31071 0	54003 0	30366 1
10,3170	04666 0	77674 1	05103 0	46214 1	60374 1	14577 1	00003 1	31072 0
10,3200	54156 1	30100 0	77707 1	10000 0	13207 0	13617 0	12530 1	05435 0
10,3210	C' 00105 0	34675 1	70100 1	10000 0	12672 1	12743 1	02550 0	30160 0
10,3220	74716 1	54001 1	44676 0	50164 1	71067 0	50164 1	55067 0	74703 0
10,3230	54141 1	30156 0	54165 1	55072 1	50164 1	10367 1	13245 0	13361 1
10,3240	40370 1	54370 1	76043 1	63643 0	60141 0	64712 1	04171 1	13373 1
10,3250	04447 1	02546 1	05447 0	C' 00102 1	05447 0	C' 00103 0	05447 0	C' 00104 1
10,3260	30160 0	04271 1	13216 0	34706 1	70160 1	10000 0	13311 0	34707 0
10,3270	70160 1	10000 0	13406 1	40160 1	74705 0	10000 0	13303 0	50164 1
10,3300	30372 1	54157 0	13501 1	50164 1	30367 0	76043 1	00006 1	13406 1
10,3310	15112 1	30160 0	74676 0	10000 0	13267 0	34676 1	50164 1	27067 0
10,3320	22007 0	00006 1	62571 0	74677 1	00006 1	13331 1	41145 1	63667 0
10,3330	13246 0	33626 0	13246 0	44706 0	00006 1	03011 1	30100 0	73644 0
10,3340	10000 0	34712 1	54001 1	34714 1	50001 0	57042 0	00004 0	00002 0
10,3350	34233 1	56064 0	00006 1	63357 0	56064 0	50064 0	54164 0	00003 1
10,3360	00002 0	37667 1	05042 1	C' 04245 0	C' 04100 1	13407 0	30100 0	73414 1
10,3370	00006 1	12723 1	15112 1	11042 1	15112 1	13377 0	15112 1	30162 1



OCTAL LISTING FOR PARAGRAPH J 064, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" A DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED A1A (INTERPRETIVE OPERATOR WORDS) OR ABA (CONSTANTS)

11,2000	I' 77614 1	C' 00475 1	I' 44175 1	C' 03415 1	C' 01340 1	C' 03604 0	I' 46135 1	C' 03747 0
11,2010	C' 22022 1	I' 72575 0	C' 03570 0	C' 27570 0	C' 03576 0	I' 77752 1	C' 27576 0	C' 03604 0
11,2020	I' 77752 1	C' 03604 0	I' 71331 0	C' 03505 1	C' 77776 1	I' 70546 1	C' 17630 1	I' 67154 0
11,2030	C' 00154 1	C' 02703 1	I' 77775 1	C' 03570 0	C' 26657 1	C' 03604 0	C' 16665 0	C' 03423 1
11,2040	C' 02873 1	I' 77201 1	C' 00001 0	C' 03570 0	I' 41456 0	I' 53435 0	C' 03576 0	C' 26676 1
11,2050	C' 03604 0	I' 50256 0	I' 43015 1	C' 03630 1	C' 03665 1	C' 03630 1	I' 43044 0	C' 22101 1
11,2060	C' 03465 0	I' 41575 0	C' 02665 0	I' 63246 1	I' 46206 1	C' 02676 1	I' 51352 1	I' 74256 0
11,2070	I' 77772 0	C' 02665 0	I' 67351 1	C' 11456 0	C' 03505 1	I' 77244 0	C' 22101 1	C' 02665 0
11,2100	C' 03604 0	I' 63345 0	C' 27736 0	C' 02665 0	I' 63256 0	C' 02657 1	I' 41456 0	I' 57435 1
11,2110	C' 00003 1	I' 77606 1	I' 71350 1	C' 03745 1	C' 00023 0	I' 62040 1	C' 22120 1	C' 77767 1
11,2120	I' 67310 1	C' 00012 1	C' 00047 1	I' 77230 0	C' 22126 1	I' 41476 1	I' 77775 1	I' 50235 0
11,2130	I' 71244 0	C' 22133 0	I' 41476 1	I' 67154 0	C' 00000 1	C' 02674 0	I' 45150 1	C' 03745 1
11,2140	C' 25215 0	I' 77214 0	C' 00675 0	C' 02746 0	C' 17612 1	C' 02704 0	I' 45030 0	C' 22224 0
11,2150	C' 27371 1	I' 43135 1	C' 03747 0	C' 00263 0	I' 43030 0	C' 22157 1	C' 00063 1	I' 77775 1
11,2160	C' 03570 0	C' 02657 1	C' 25535 0	C' 03612 1	C' 15543 1	C' 03503 1	C' 01517 0	I' 43015 1
11,2170	C' 03423 1	C' 01673 1	C' 34041 0	C' 27066 1	I' 77775 1	C' 00025 0	C' 02705 1	I' 63154 1
11,2200	C' 03504 0	C' 00001 0	I' 55134 1	C' 03504 0	C' 02703 1	I' 46135 1	C' 00050 1	C' 22221 0
11,2210	I' 52375 1	C' 03604 0	C' 00017 1	I' 77655 1	C' 02665 0	C' 16665 0	C' 03630 1	I' 77650 1
11,2220	C' 22056 1	I' 77775 1	C' 02665 0	C' 03604 0	I' 52375 1	C' 03612 1	C' 03576 0	C' 27646 0
11,2230	C' 02705 1	C' 03620 0	I' 46135 1	C' 03747 0	C' 22251 1	I' 70575 1	C' 03620 0	C' 27620 0
11,2240	C' 03612 1	I' 77742 0	C' 27612 1	C' 03604 0	I' 77742 0	C' 27604 0	C' 03646 0	I' 77742 0
11,2250	C' 03646 0	I' 77201 1	C' 00001 0	C' 03604 0	C' 37415 0	C' 01340 1	I' 77620 0	C' 00300 1
11,2260	I' 77624 1	C' 47432 1	I' 77624 1	C' 34567 1	I' 66370 0	C' 00022 1	C' 00051 0	C' 00006 1
11,2270	I' 61373 1	C' 02736 1	C' 01736 1	I' 77656 1	C' 06736 0	I' 77700 0	C' 22270 1	I' 75160 1
11,2300	C' 00306 1	C' 02671 0	I' 77624 1	C' 31040 1	I' 77624 1	C' 47244 0	I' 77650 1	C' 00300 1
11,2310	I' 40354 1	C' 02150 1	C' 00001 0	I' 75543 1	C' 50041 1	I' 53515 0	C' 01535 0	I' 60325 0
11,2320	C' 00045 0	C' 00047 1	I' 77715 1	I' 65241 0	C' 01543 1	C' 02312 0	I' 60225 1	C' 01551 1
11,2330	C' 00051 0	I' 77742 0	I' 65271 0	C' 00003 1	I' 41405 0	C' 00005 1	I' 65316 0	C' 00005 1
11,2340	I' 64716 0	C' 50041 1	I' 40442 1	I' 47515 0	C' 01543 1	I' 44205 0	C' 00045 0	I' 41271 0
11,2350	C' 00003 1	I' 53605 1	C' 23717 1	C' 20176 0	I' 43260 1	C' 00050 1	I' 45257 0	C' 20211 1
11,2360	I' 41205 0	C' 00001 0	C' 00005 1	I' 53657 0	C' 20211 1	C' 20201 0	I' 65215 1	C' 01553 0
11,2370	I' 53605 1	C' 00001 0	C' 20202 0	I' 43204 0	C' 57343 1	I' 77626 0	C' 75471 1	I' 74020 0

OCTAL LISTING FOR PARAGRAPH J 085, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" A DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIB (INTERPRETIVE OPERATOR WORDS) OR ACB (CONSTANTS)

11,2400	C' 02270 0	C' 00012 1	I' 74014 1	C' 00303 1	C' 24000 1	C' 00002 0	I' 77650 1	C' 24000 1
11,2410	I' 66350 1	C' 01500 0	C' 00051 0	C' 77782 1	I' 54345 1	C' 02314 0	C' 20612 0	I' 61500 0
11,2420	C' 22421 0	I' 43208 1	C' 01551 1	C' 16312 0	I' 77615 0	C' 01517 0	C' 35517 1	C' 22310 0
11,2430	I' 73150 1	C' 02150 1	C' 02150 1	I' 77775 1	C' 11456 0	C' 26202 0	C' 02152 0	I' 53257 1
11,2440	C' 57605 0	C' 01535 0	C' 02160 1	I' 65014 1	C' 01756 1	C' 22452 1	C' 01500 0	C' 12217 0
11,2450	I' 77724 0	C' 01500 0	I' 53575 0	C' 02152 0	C' 16152 0	C' 00045 0	C' 02310 1	I' 77624 1
11,2460	C' 22562 0	I' 66175 1	C' 02160 1	C' 00051 0	C' 16152 0	C' 02210 0	C' 02310 1	I' 71214 0
11,2470	C' 00342 1	C' 22725 1	C' 01517 0	I' 77624 1	C' 54110 0	I' 72174 0	C' 00002 0	C' 00051 0
11,2500	I' 77614 1	C' 00343 0	C' 22505 1	I' 77076 0	C' 00000 1	C' 02160 1	C' 26263 1	C' 00003 1
11,2510	C' 02300 0	I' 45335 0	C' 01012 0	C' 23721 1	I' 43030 0	C' 22520 0	C' 01756 1	C' 22534 0
11,2520	I' 74375 0	C' 02152 0	C' 02310 1	I' 52257 0	C' 57175 0	C' 02160 1	I' 77724 0	C' 01500 0
11,2530	C' 12225 1	C' 02272 1	I' 77724 0	C' 01500 0	I' 62175 0	C' 02263 1	C' 00004 0	I' 43014 0
11,2540	C' 04260 1	C' 00343 0	C' 22547 1	I' 53261 1	C' 20612 0	C' 02300 0	C' 02300 0	I' 77624 1
11,2550	C' 22562 0	I' 62174 1	C' 00004 0	C' 00004 0	I' 77775 1	C' 02300 0	C' 36160 0	C' 22562 0
11,2560	I' 77650 1	C' 22725 1	I' 74575 0	C' 02160 1	I' 40236 1	C' 00001 0	I' 61501 1	C' 00040 0
11,2570	I' 60325 0	C' 02310 1	C' 00041 1	I' 63342 1	C' 02160 1	I' 77656 1	C' 16160 1	C' 00045 0
11,2600	C' 02210 0	I' 55301 0	C' 00042 1	I' 41562 0	I' 77743 1	C' 27730 0	C' 00051 0	I' 57124 1
11,2610	C' 00050 1	C' 00040 0	I' 71264 1	C' 00041 1	C' 00003 1	I' 65057 0	C' 57177 1	C' 00050 1
11,2620	I' 74406 0	I' 50315 0	C' 02152 0	C' 02160 1	I' 44372 1	I' 57206 1	C' 00005 1	I' 77752 1
11,2630	I' 43206 1	C' 23701 0	I' 75406 1	I' 41475 1	C' 00013 0	I' 43352 1	C' 23701 0	I' 43325 1
11,2640	C' 00013 0	C' 11454 1	I' 72475 1	C' 00011 1	I' 56215 1	C' 23673 1	C' 00017 1	I' 74275 1
11,2650	C' 00007 0	C' 02160 1	I' 64515 1	C' 02152 0	I' 41455 0	I' 41345 0	C' 00001 0	C' 00015 0
11,2660	I' 61501 1	C' 00037 0	I' 40665 0	C' 00003 1	C' 50041 1	I' 74276 1	I' 57124 1	C' 00050 1
11,2670	C' 00051 0	I' 55064 0	C' 00036 1	C' 00037 0	I' 77600 1	C' 22676 0	I' 65057 0	C' 57177 1
11,2700	C' 00050 1	I' 77655 1	C' 02202 0	C' 02202 0	I' 43400 1	C' 22706 0	I' 54345 1	C' 02212 1
11,2710	C' 20612 0	I' 44206 0	C' 01551 1	C' 16312 0	C' 01517 0	I' 45425 0	C' 42260 0	C' 22310 0
11,2720	I' 77624 1	C' 23344 0	I' 77614 1	C' 04020 1	C' 27234 1	I' 71354 0	C' 02150 1	C' 02310 1
11,2730	I' 44601 0	C' 00001 0	C' 50007 0	I' 43044 0	C' 23135 1	C' 00343 0	C' 23144 1	I' 65375 0
11,2740	C' 02152 0	C' 01517 0	I' 45125 0	C' 23671 0	C' 55366 1	C' 00017 1	I' 47375 0	C' 02012 0
11,2750	C' 11450 0	I' 61255 1	C' 11450 0	C' 00025 0	I' 77656 1	C' 00025 0	I' 57345 1	C' 00023 0
11,2760	C' 23703 1	I' 63525 0	C' 00023 0	I' 45275 0	C' 23705 1	C' 23677 0	I' 57206 1	C' 00023 0
11,2770	I' 76405 1	C' 23711 1	I' 57325 1	C' 00001 0	C' 23717 1	I' 41421 0	I' 57275 0	C' 00023 0



OCTAL LISTING FOR PARAGRAPH J 066, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACB (CONSTANTS)

11,3000	C' 23713 0	I' 57325 1	C' 00003 1	C' 23715 0	I' 77621 1	I' 77603 1	C' 50035 1	I' 43271 1
11,3010	C' 02310 1	C' 00005 1	I' 56273 1	C' 50031 0	C' 02310 1	I' 74215 1	C' 00003 1	C' 02152 0
11,3020	C' 14033 1	I' 70403 1	C' 50035 1	I' 43271 1	C' 02310 1	I' 50473 1	C' 50031 0	I' 43271 1
11,3030	C' 02310 1	I' 76561 1	C' 00025 0	I' 77645 0	C' 00033 1	C' 14033 1	C' 02310 1	I' 63501 0
11,3040	C' 00047 1	I' 60316 0	C' 00051 0	I' 54806 0	C' 50025 0	I' 77761 1	C' 00033 1	C' 00033 1
11,3050	I' 56070 0	C' 00046 0	C' 00046 0	I' 43070 1	C' 00050 1	C' 00343 0	C' 23125 0	I' 63545 0
11,3060	C' 00017 1	I' 63525 0	C' 00021 1	I' 65215 1	C' 00003 1	I' 45352 1	C' 00003 1	I' 41525 0
11,3070	C' 00023 0	I' 65361 0	C' 00025 0	I' 45316 1	C' 23671 0	I' 52405 1	C' 27756 0	I' 52361 1
11,3100	C' 02152 0	I' 72561 0	I' 77725 1	C' 00017 1	I' 63205 0	C' 00021 1	C' 02152 0	I' 74235 0
11,3110	C' 00025 0	I' 53332 0	I' 77725 1	I' 41301 0	C' 00050 1	C' 00001 0	I' 74265 0	C' 27754 1
11,3120	I' 53257 1	C' 57605 0	C' 00033 1	I' 77754 1	C' 02150 1	I' 77600 1	C' 23127 1	I' 53257 1
11,3130	C' 20153 1	C' 02202 0	C' 02202 0	I' 77600 1	C' 22706 0	I' 72135 0	C' 01501 1	C' 00154 1
11,3140	I' 73205 1	C' 27760 0	C' 00155 0	C' 23152 0	I' 77745 1	C' 02156 1	C' 24023 0	C' 11450 0
11,3150	I' 77650 1	C' 22755 0	C' 23371 0	C' 23375 1	C' 23406 1	I' 77214 0	C' 00342 1	C' 23206 1
11,3160	C' 01535 0	I' 41241 0	C' 01543 1	C' 02314 0	I' 77640 0	C' 23206 1	I' 43014 0	C' 00303 1
11,3170	C' 23263 1	C' 04340 1	C' 23260 1	I' 45145 0	C' 01517 0	C' 54110 0	C' 02263 1	I' 77754 1
11,3200	C' 02150 1	I' 51445 0	C' 01535 0	I' 50025 0	C' 27764 1	C' 23300 0	I' 51575 1	C' 01521 0
11,3210	I' 77600 1	C' 23234 0	I' 51025 1	C' 23707 0	C' 23234 0	I' 53615 0	C' 23707 0	C' 57605 0
11,3220	I' 45271 1	C' 00013 0	C' 27762 1	I' 77244 0	C' 23234 0	C' 01527 0	I' 45246 0	C' 23707 0
11,3230	I' 77600 1	C' 23234 0	I' 77640 0	C' 23236 1	I' 77624 1	C' 23344 0	I' 77775 1	C' 01527 0
11,3240	C' 25120 0	C' 01521 0	C' 01112 1	I' 77614 1	C' 00261 1	I' 66375 0	C' 01112 1	C' 01501 1
11,3250	C' 00000 1	C' 16152 0	C' 11456 0	C' 02212 1	I' 52014 0	C' 00301 0	C' 23610 1	C' 22430 0
11,3260	I' 52175 0	C' 02263 1	C' 23201 0	I' 60545 0	C' 00013 0	I' 50025 0	C' 27764 1	C' 23206 1
11,3270	I' 71214 0	C' 04340 1	C' 23300 0	C' 01517 0	I' 77624 1	C' 54115 0	I' 77676 0	C' 02263 1
11,3300	I' 77624 1	C' 23304 1	I' 77650 1	C' 23236 1	I' 45020 1	C' 02270 0	C' 23344 0	I' 53775 1
11,3310	C' 01535 0	C' 57576 1	I' 53651 0	C' 02263 1	C' 57574 0	C' 01503 0	C' 15535 0	C' 01517 0
11,3320	I' 77624 1	C' 54120 0	I' 57414 1	C' 00343 0	C' 23325 1	I' 53715 1	C' 01543 1	C' 57576 1
11,3330	I' 77651 0	I' 77657 0	C' 57574 0	C' 01511 0	C' 01543 1	I' 67154 0	C' 02270 0	C' 00052 0
11,3340	I' 52014 0	C' 00303 1	C' 26866 0	C' 26873 1	I' 77354 0	C' 02150 1	C' 01521 0	I' 53257 1
11,3350	C' 57605 0	C' 01535 0	C' 01503 0	C' 25535 0	C' 01527 0	I' 53257 1	C' 57602 1	C' 01543 1
11,3360	C' 01511 0	C' 25543 1	C' 11456 0	C' 01521 0	C' 15527 0	C' 11456 0	C' 01551 1	C' 01553 0
11,3370	I' 77616 0	I' 64575 1	C' 02202 0	C' 36166 0	C' 23551 1	I' 74575 0	C' 02202 0	I' 53206 0

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED β IA (INTERPRETIVE OPERATOR WORDS) OR β CA (CONSTANTS)

11,3400	C'	02166 1	C'	26174 1	I'	53362 0	C'	02166 1	C'	36166 0	C'	23551 1	I'	57345 1	C'	02212 1
11,3410	C'	23717 1	I'	74208 0	C'	02166 1	I'	53372 1	C'	01120 0	I'	53361 0	C'	02212 1	C'	01112 1
11,3420	C'	25112 1	C'	02202 0	I'	53322 1	C'	02174 1	I'	76561 1	I'	77655 1	C'	01120 0	C'	01120 0
11,3430	I'	45014 0	C'	00341 1	C'	23502 1	C'	56741 0	I'	77354 0	C'	01102 0	C'	01120 0	I'	77732 1
11,3440	C'	12467 1	I'	77775 1	C'	01112 1	I'	40132 0	C'	23574 0	C'	12401 1	I'	77624 1	C'	56741 0
11,3450	I'	66354 0	C'	01102 0	C'	00052 0	C'	00000 1	I'	67114 1	C'	00006 1	C'	01111 1	I'	45104 0
11,3460	C'	23545 1	C'	56741 0	I'	67154 0	C'	01111 1	C'	01102 0	I'	77624 1	C'	56741 0	I'	76754 0
11,3470	C'	01102 0	C'	75376 1	I'	77722 0	C'	01112 1	I'	76173 0	C'	75310 1	C'	00000 1	I'	77722 0
11,3500	C'	35120 1	C'	23245 0	I'	77200 0	C'	22706 0	C'	01120 0	C'	25527 0	C'	01112 1	C'	01521 0
11,3510	I'	43014 0	C'	04715 0	C'	27653 1	C'	01756 1	C'	27234 1	I'	77776 1	C'	05301 0	C'	04022 0
11,3520	C'	05435 0	C'	00236 0		06006 1	I'	77731 1	C'	00053 1	C'	23532 1	I'	52014 0	C'	01714 1
11,3530	C'	26636 0	C'	26711 1	I'	66214 0	C'	00061 0	C'	01103 1	C'	77741 0	I'	66214 0	C'	01755 1
11,3540	C'	23465 1	C'	01103 1	C'	77717 0	I'	77650 1	C'	23465 1	I'	77745 1	C'	01101 0	C'	34041 0
11,3550	C'	27120 1	I'	43345 1	C'	02314 0	C'	02212 1	I'	66110 1	C'	77763 0	C'	01500 0	C'	02212 1
11,3560	I'	74561 0	C'	02202 0	I'	74255 0	C'	01120 0	C'	02212 1	I'	77655 1	C'	01112 1	C'	02152 0
11,3570	I'	52014 0	C'	00301 0	C'	23610 1	C'	22410 1	I'	43014 0	C'	01676 1	C'	01671 0	I'	77614 1
11,3600	C'	02876 1	I'	77414 0	C'	01472 1		05537 0	C'	00421 0		06006 1	I'	77650 1	C'	27234 1
11,3610	I'	70754 0	C'	02150 1	C'	50041 1	C'	36210 1	C'	23636 0	C'	02202 0	I'	62014 0	C'	00342 1
11,3620	C'	23135 1	C'	77771 0	I'	70744 1	C'	02150 1	C'	50043 0	C'	36210 1	C'	23636 0	I'	50414 0
11,3630	C'	00303 1	C'	23632 1	I'	77655 1	C'	02202 0	C'	36202 1	C'	23135 1	I'	60575 0	C'	02152 0
11,3640	I'	53513 0	C'	02217 1	I'	46315 1	C'	02152 0	I'	52361 1	C'	23707 0	I'	60325 0	C'	00045 0
11,3650	C'	00052 0	I'	63406 1	I'	77605 1	I'	65301 0	C'	00043 0	C'	02210 0	I'	56342 1	I'	77781 1
11,3660	I'	57154 0	C'	00051 0	C'	00051 0	I'	57074 0	C'	00051 0	C'	00042 1	I'	43457 0	C'	57606 0
11,3670	C'	04631 1	C'	23146 0	C'	14000 1	C'	00000 1	C'	02314 0	C'	31463 1	C'	01400 1	C'	00000 1
11,3700	C'	10000 0	C'	00000 1	C'	03000 1	C'	00000 1	C'	36000 1	C'	00000 1	C'	30000 1	C'	00000 1
11,3710	C'	22525 0	C'	12525 0	C'	22000 1	C'	00000 1	C'	01200 1	C'	00000 1	C'	25252 0	C'	25253 1
11,3720	C'	00027 1	C													



OCTAL LISTING FOR PARAGRAPH J 070, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A'S DENOTES UNUSED FIXED MEMORY
ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIB (INTERPRETIVE OPERATOR WORDS) OR AOB (CONSTANTS)

12,2000	I' 71201 1	C' 00001 0	C' 11456 0	C' 01344 0	C' 31346 1	C' 11631 0	C' 24017 1	C' 01503 0
12,2010	I' 66256 0	C' 00027 1	C' 00024 1	C' 16647 0	C' 00045 0	C' 24041 1	C' 01503 0	I' 76441 1
12,2020	C' 01511 0	I' 76405 1	C' 00023 0	C' 24043 0	C' 01511 0	I' 57236 1	C' 00017 1	I' 52405 1
12,2030	C' 00041 1	I' 61425 0	C' 11500 1	C' 00045 0	I' 74421 0	C' 11500 1	I' 77671 1	C' 00041 1
12,2040	C' 00011 1	I' 71244 0	C' 24051 0	C' 11516 0	I' 40071 0	C' 00011 1	C' 24055 1	I' 52166 1
12,2050	C' 24055 1	I' 55386 1	C' 11520 0	I' 77600 1	C' 24055 1	I' 50165 0	C' 02312 0	C' 24272 0
12,2060	C' 00013 0	I' 65205 0	C' 00023 0	C' 00011 1	I' 65301 0	C' 00047 1	I' 56257 1	C' 20173 0
12,2070	I' 50000 1	C' 24112 0	C' 24112 0	I' 77606 1	I' 50021 1	C' 02312 0	C' 24112 0	C' 16312 0
12,2100	C' 00013 0	I' 77615 0	C' 01344 0	C' 15344 0	C' 00001 0	I' 77615 0	C' 01346 1	C' 15346 1
12,2110	I' 77650 1	C' 24070 0	I' 71201 1	C' 00001 0	C' 11456 0	C' 14015 0	C' 02306 0	I' 77625 0
12,2120	C' 01344 0	C' 00025 0	I' 50054 0	C' 24265 0	C' 24265 0	I' 51025 1	C' 00013 0	C' 24265 0
12,2130	I' 57345 1	C' 02312 0	C' 11511 1	I' 77646 0	C' 15350 0	C' 01551 1	I' 45254 0	C' 24141 0
12,2140	C' 01346 1	C' 15551 1	C' 01553 0	I' 45254 0	C' 24146 1	C' 01344 0	I' 77621 1	C' 00025 0
12,2150	C' 02643 1	I' 63545 0	C' 00025 0	I' 41501 0	C' 00047 1	I' 53605 1	C' 00011 1	C' 21573 0
12,2160	C' 34031 1	C' 24426 1	I' 44200 0	C' 24312 1	C' 02312 0	C' 02645 1	I' 44246 1	C' 01350 0
12,2170	I' 71244 0	C' 24334 0	C' 00037 0	I' 60225 1	C' 01551 1	C' 00047 1	I' 60325 0	C' 02643 1
12,2200	C' 00050 1	I' 41260 0	C' 00047 1	C' 02645 1	I' 56257 1	C' 21202 1	I' 41542 1	I' 71244 0
12,2210	C' 24231 1	C' 00025 0	C' 00013 0	I' 45221 1	C' 00015 0	I' 51000 0	C' 24223 1	C' 24223 1
12,2220	I' 52145 0	C' 00001 0	C' 24243 1	I' 45345 1	C' 00015 0	C' 00025 0	I' 52075 1	C' 11514 1
12,2230	C' 24243 1	I' 77745 1	C' 00025 0	C' 00015 0	I' 45221 1	C' 00013 0	I' 50000 1	C' 24257 1
12,2240	C' 24257 1	I' 77745 1	C' 00001 0	C' 02643 1	I' 43254 0	C' 24334 0	C' 00025 0	C' 14025 0
12,2250	C' 00037 0	C' 01551 1	I' 46034 1	C' 24651 0	C' 24334 0	I' 77650 1	C' 24151 1	I' 45345 1
12,2260	C' 00013 0	C' 00025 0	I' 52075 1	C' 11514 1	C' 24243 1	I' 70545 1	C' 00013 0	C' 00025 0
12,2270	I' 77650 1	C' 24130 0	C' 14015 0	C' 11456 0	C' 14013 0	C' 02306 0	C' 00025 0	I' 51054 1
12,2300	C' 24305 1	C' 24305 1	I' 51025 1	C' 00015 0	C' 24130 0	I' 70545 1	C' 00015 0	C' 00025 0
12,2310	I' 77650 1	C' 24130 0	I' 50145 1	C' 00025 0	C' 24331 0	C' 00013 0	I' 70545 1	C' 02643 1
12,2320	C' 02643 1	I' 44254 1	C' 02270 0	C' 00025 0	C' 14025 0	C' 01551 1	C' 00037 0	I' 77650 1
12,2330	C' 24252 1	C' 00015 0	I' 77650 1	C' 24316 0	I' 44545 0	C' 00041 1	I' 74225 1	C' 00035 1
12,2340	C' 02647 0	I' 65372 1	C' 00025 0	I' 60316 0	C' 00047 1	I' 57275 0	C' 00023 0	C' 00025 0
12,2350	I' 53605 1	C' 00033 1	C' 21572 1	I' 77621 1	C' 00037 0	I' 74352 0	C' 01511 0	I' 53372 1
12,2360	I' 77712 0	C' 01535 0	I' 60246 1	C' 00050 1	C' 16655 0	C' 00031 0	I' 45275 0	C' 00033 1
12,2370	C' 11476 1	I' 76405 1	C' 00021 1	I' 53605 1	C' 00025 0	C' 56601 0	I' 74271 0	C' 02655 0



OCTAL LISTING FOR PARAGRAPH J 071, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACa (CONSTANTS)

12,2400	C' 02647 0	I' 65372 1	C' 00035 1	I' 56257 1	C' 56802 0	C' 02655 0	I' 74221 0	C' 11512 1
12,2410	C' 01511 0	I' 42455 0	I' 77628 0	C' 62234 0	C' 00037 0	I' 77615 0	C' 01348 1	C' 15551 1
12,2420	C' 00025 0	I' 77615 0	C' 01344 0	C' 01553 0	I' 77650 1	C' 02270 0	I' 77776 1	07171 1
12,2430	C' 00010 0	C' 02525 1	C' 12526 0	C' 67356 0	C' 75866 0	C' 15001 1	C' 23771 1	C' 64342 0
12,2440	C' 43874 0	C' 06563 1	C' 04645 1	C' 75173 0	C' 52672 0	C' 00656 1	C' 14331 0	C' 77633 1
12,2450	C' 40512 0	C' 00023 0	C' 11210 1	C' 77774 0	C' 67506 0	06006 1	C' 14033 1	C' 00031 0
12,2460	I' 77776 1	07171 1	C' 00010 0	C' 01000 0	C' 00000 1	C' 72525 0	C' 52506 0	C' 13301 1
12,2470	C' 15337 1	C' 62776 0	C' 54733 1	C' 11176 1	C' 13267 0	C' 73410 0	C' 51674 0	C' 01446 0
12,2500	C' 33841 1	C' 77451 1	C' 65233 0	C' 00055 1	C' 37266 1	C' 77767 1	C' 52336 0	06006 1
12,2510	I' 53805 1	C' 00001 0	C' 21574 1	C' 00035 1	I' 72405 0	C' 00043 0	I' 65234 1	C' 45562 1
12,2520	I' 53805 1	C' 00033 1	C' 21574 1	I' 72405 0	C' 00045 0	I' 65234 1	C' 45562 1	C' 00041 1
12,2530	I' 76261 0	C' 20807 1	I' 41301 0	C' 00047 1	C' 00025 0	I' 76257 0	C' 20576 1	I' 57232 0
12,2540	C' 00023 0	C' 00037 0	I' 77616 0	I' 71214 0	C' 00614 1	C' 24613 0	C' 00037 0	I' 60225 1
12,2550	C' 02764 0	C' 00047 1	I' 60325 0	C' 00015 0	C' 00050 1	I' 41280 0	C' 00047 1	C' 02762 0
12,2560	I' 56257 1	C' 21202 1	I' 43142 1	C' 04351 1	C' 24567 0	I' 75246 0	C' 02762 0	I' 51006 0
12,2570	C' 24625 0	I' 43145 0	C' 03775 1	C' 04311 0	C' 24576 0	C' 00017 1	I' 45221 1	C' 00011 1
12,2600	I' 51000 0	C' 24605 1	C' 24605 1	I' 77650 1	C' 24637 0	I' 45345 1	C' 00011 1	C' 03775 1
12,2610	I' 52005 0	C' 11514 1	C' 24641 1	I' 41345 0	C' 00011 1	C' 00051 0	I' 41325 0	C' 00017 1
12,2620	C' 00051 0	I' 77625 0	I' 52165 1	C' 02762 0	C' 24567 0	I' 43145 0	C' 03775 1	C' 04311 0
12,2630	C' 24632 0	C' 00011 1	I' 45221 1	C' 00017 1	I' 50000 1	C' 24643 0	C' 24643 0	I' 77745 1
12,2640	C' 00001 0	C' 00015 0	I' 77616 0	I' 45345 1	C' 00017 1	C' 03775 1	I' 52005 0	C' 11514 1
12,2650	C' 24641 1	44712 0	50120 1	60026 0	50120 1	54026 1	54154 0	06030 1
12,2660	I' 44545 0	C' 00041 1	I' 74225 1	C' 00035 1	C' 02724 1	I' 65372 1	C' 00025 0	I' 60316 0
12,2670	C' 00047 1	I' 57275 0	C' 00023 0	C' 00025 0	I' 53805 1	C' 00033 1	C' 21572 1	I' 77621 1
12,2700	C' 00037 0	I' 74352 0	C' 02746 0	I' 53372 1	I' 41512 1	I' 77646 0	I' 77701 1	C' 00047 1
12,2710	C' 16722 1	C' 00031 0	I' 45205 1	C' 00033 1	C' 11476 1	I' 76405 1	C' 00021 1	I' 53605 1
12,2720	C' 00025 0	C' 21176 1	I' 74271 0	C' 02722 1	C' 02724 1	I' 65372 1	C' 00035 1	I' 56257 1
12,2730	C' 21175 1	C' 02722 1	I' 77621 1	C' 11512 1	I' 53361 0	C' 02746 0	I' 43412 1	I' 40220 0
12,2740	C' 02712 1	C' 00001 0	I' 63375 0	C' 02657 1	C' 02746 0	I' 77624 1	C' 11527 1	I' 45000 0
12,2750	C' 24767 1	C' 24772 0	I' 43145 0	C' 00031 0	C' 04310 1	C' 02712 1	I' 45014 0	C' 04273 0
12,2760	C' 24426 1	I' 45014 0	C' 03706 0	C' 02712 1	C' 24660 1	I' 77650 1	C' 02712 1	I' 77614 1
12,2770	C' 04033 0	C' 02712 1	I' 66374 1	C' 00003 1	C' 00052 0	C' 00001 0	I' 77614 1	C' 04276 0



OCTAL LISTING FOR PARAGRAPH J 072, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" A DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACA (CONSTANTS)

12,3000	I' 85388 1	C' 02734 0	I' 44342 1	C' 11502 0	I' 54325 1	C' 02732 0	C' 21607 0	I' 77671 1
12,3010	I' 77600 1	C' 25125 0	I' 41225 1	C' 03775 1	I' 40132 0	C' 25125 0	I' 63408 0	I' 85351 0
12,3020	C' 00155 0	C' 02744 1	I' 76202 0	I' 75440 0	C' 25210 0	I' 43308 0	I' 61000 0	C' 25123 0
12,3030	C' 25016 1	I' 40065 0	C' 11476 1	C' 25210 0	I' 41440 1	C' 25210 0	I' 77716 1	I' 41301 0
12,3040	C' 00047 1	C' 02744 1	I' 77457 1	C' 21567 0	07171 1	C' 00005 1	C' 20000 0	C' 00000 1
12,3050	C' 72525 0	C' 52471 1	C' 03146 1	C' 15003 0	C' 75558 0	C' 45210 0	C' 01615 1	C' 13553 0
12,3060	C' 76371 0	C' 63777 0	C' 01232 0	C' 27387 0	06006 1	I' 76405 1	I' 43006 0	C' 04316 1
12,3070	C' 25175 0	I' 60316 0	C' 00047 1	I' 53605 1	C' 02744 1	C' 21565 1	C' 14031 0	C' 00041 1
12,3100	I' 75542 0	I' 41306 1	I' 77632 0	C' 00025 0	I' 60316 0	C' 00047 1	I' 41325 0	C' 02742 1
12,3110	C' 00041 1	I' 75452 0	I' 56405 0	C' 03775 1	C' 14043 0	C' 02744 1	I' 43021 0	C' 11500 1
12,3120	C' 04270 0	C' 00045 0	I' 77616 0	I' 77774 0	C' 00003 1	I' 51001 1	C' 00001 0	C' 25132 0
12,3130	I' 77614 1	C' 04076 1	I' 75545 1	C' 02742 1	I' 41325 0	C' 02732 0	C' 03775 1	I' 65352 0
12,3140	C' 02734 0	I' 43202 0	C' 11506 1	I' 41225 1	I' 55301 0	C' 00047 1	C' 02732 0	I' 51457 0
12,3150	C' 21174 0	I' 63406 0	C' 14043 0	C' 11504 0	I' 63406 0	I' 65234 1	C' 45562 1	C' 02744 1
12,3160	I' 40405 1	C' 00043 0	I' 77771 0	I' 75440 0	C' 25210 0	I' 77615 0	I' 60304 0	C' 25154 0
12,3170	C' 00047 1	I' 77665 1	I' 52057 1	C' 21172 0	C' 25034 1	I' 50145 1	C' 02744 1	C' 25210 0
12,3200	I' 80366 1	C' 00047 1	I' 53665 1	C' 11520 0	C' 20176 0	I' 41425 1	I' 77650 1	C' 25071 0
12,3210	I' 40001 1	C' 00001 0	C' 25213 0	I' 43414 1	C' 04070 1	I' 40220 0	C' 02712 1	C' 00001 0
12,3220	I' 76731 0	C' 00027 1	C' 00024 1	C' 11631 0	C' 14017 1	C' 02673 1	I' 77675 0	C' 11505 1
12,3230	C' 03777 0	I' 77214 0	C' 00474 0	C' 02657 1	I' 45115 0	C' 02665 0	C' 11573 0	C' 16732 0
12,3240	C' 02722 1	I' 65301 0	C' 00047 1	C' 00041 1	I' 56342 1	I' 65257 1	C' 20173 0	I' 77626 0
12,3250	C' 75043 1	I' 44342 1	C' 11502 0	C' 02736 1	I' 53106 0	C' 25465 1	I' 65301 0	C' 00047 1
12,3260	C' 00001 0	I' 56342 1	I' 75457 0	C' 20176 0	I' 54325 1	C' 02732 0	C' 20607 1	I' 43271 1
12,3270	C' 02736 1	I' 77626 0	C' 77760 0	I' 50000 1	C' 25301 1	C' 25304 1	I' 50025 0	C' 11524 1
12,3300	C' 25304 1	I' 77745 1	C' 11524 1	C' 00017 1	I' 77745 1	C' 02734 0	I' 45261 0	C' 20607 1
12,3310	I' 77626 0	C' 61037 1	C' 02675 1	I' 71240 1	C' 25505 0	C' 02740 0	I' 56352 0	C' 02732 0
12,3320	I' 77600 1	C' 25505 0	C' 00011 1	I' 66214 0	C' 00715 1	C' 25471 1	C' 00051 0	C' 00001 0
12,3330	I' 77745 1	C' 03775 1	I' 77605 1	C' 02732 0	I' 45342 0	C' 02740 0	I' 65301 0	C' 00047 1
12,3340	C' 02736 1	I' 56257 1	C' 20170 0	I' 53040 0	C' 25421 1	C' 25421 1	C' 16742 1	C' 03775 1
12,3350	I' 43316 1	C' 11510 0	I' 41301 0	C' 00047 1	C' 02742 1	I' 44257 1	C' 20571 0	C' 11506 1
12,3360	C' 16744 1	C' 02742 1	I' 45000 0	C' 25424 1	C' 24772 0	I' 77745 1	C' 00037 0	C' 16764 0
12,3370	C' 00031 0	I' 45014 0	C' 04310 1	C' 25421 1	C' 24426 1	I' 44200 0	C' 25441 1	C' 02673 1

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACA (CONSTANTS)

12,3400	C'	02762 0	I'	44246 1	C'	03777 0	I'	47044 1	C'	25510 1	C'	24651 0	I'	45030 0	C'	25452 0
12,3410	C'	24543 0	I'	53145 1	C'	00155 0	C'	25452 0	I'	77615 0	C'	03775 1	C'	03775 1	I'	77650 1
12,3420	C'	25332 1	I'	51145 0	C'	00015 0	C'	25444 1	I'	71201 1	C'	00001 0	C'	03775 1	C'	00011 1
12,3430	I'	70545 1	C'	00015 0	C'	00015 0	I'	44254 1	C'	25452 0	C'	03775 1	C'	03775 1	I'	77650 1
12,3440	C'	25332 1	I'	77745 1	C'	02764 0	C'	00037 0	I'	71201 1	C'	00001 0	C'	03775 1	C'	00017 1
12,3450	I'	77650 1	C'	25430 1	I'	51545 1	C'	02762 0	I'	41325 0	C'	02673 1	C'	11502 0	I'	45215 0
12,3460	C'	11522 1	I'	43044 0	C'	25510 1	C'	02434 0	C'	02712 1	I'	43001 1	C'	00001 0	C'	02434 0
12,3470	C'	02712 1	I'	71331 0	C'	00051 0	C'	10000 0	C'	00011 1	I'	65342 1	C'	00017 1	I'	43342 0
12,3500	I'	77626 0	C'	74002 0	C'	00015 0	I'	77650 1	C'	25332 1	I'	52145 0	C'	11526 0	C'	25322 0
12,3510	I'	80345 0	C'	00041 1	C'	00047 1	I'	70525 1	C'	02742 1	I'	77671 1	I'	75457 0	C'	20175 0
12,3520	I'	72405 0	C'	00021 1	I'	41206 0	C'	03775 1	I'	74261 1	C'	20206 1	C'	02724 1	I'	77725 1
12,3530	I'	76561 1	C'	02676 1	I'	53235 0	C'	02724 1	I'	43172 1	C'	02674 0	C'	02746 0	I'	53135 0
12,3540	C'	02704 0	C'	25544 0	I'	77650 1	C'	02712 1	I'	45145 0	C'	02722 1	C'	24706 0	C'	02705 1
12,3550	I'	77650 1	C'	02712 1	I'	40220 0	C'	02712 1	C'	00001 0	I'	63375 0	C'	02657 1	C'	02746 0
12,3560	I'	77624 1	C'	11527 1	I'	71200 0	C'	24767 1	C'	11506 1	I'	41225 1	C'	02744 1	C'	02742 1
12,3570	I'	41366 1	C'	03775 1	I'	74212 0	C'	02714 1	I'	45325 1	C'	11500 1	C'	02744 1	I'	52361 1
12,3600	C'	02724 1	I'	53512 1	I'	77600 1	C'	25465 1	I'	60325 0	C'	02760 1	C'	00047 1	I'	41325 0
12,3610	C'	00041 1	C'	02742 1	I'	58257 1	C'	20201 0	I'	58225 1	C'	11504 0	C'	00045 0	C'	00031 0
12,3620	I'	63400 0	C'	25661 1	I'	50021 1	C'	11502 0	C'	25661 1	I'	75366 0	C'	02757 0	I'	77614 1
12,3630	C'	04272 1	I'	76561 1	C'	02676 1	I'	63235 0	C'	00001 0	I'	53361 0	C'	00031 0	I'	41572 1
12,3640	I'	56241 0	C'	02724 1	C'	23701 0	I'	40142 1	C'	25645 1	C'	26734 0	C'	02724 1	I'	78435 1
12,3650	I'	72441 0	C'	02676 1	C'	16732 0	C'	02742 1	I'	77624 1	C'	24772 0	I'	77614 1	C'	02634 1
12,3660	C'	24752 1	I'	75345 1	C'	11454 1	C'	00031 0	C'	14031 0	C'	11456 0	I'	77614 1	C'	04032 1
12,3670	C'	25631 1	I'	40220 0	C'	02712 1	C'	00001 0	I'	63375 0	C'	02657 1	C'	02746 0	I'	77624 1
12,3700	C'	11527 1	I'	77600 1	C'	25703 1	I'	42405 0	C'	02744 1	I'	75421 1	C'	11500 1	C'	02754 1
12,3710	I'	65215 1	C'	11474 0	C'	00041 1	I'	72405 0	C'	02742 1	I'	77671 1	I'	80325 0	C'	02744 1
12,3720	C'	00047 1														



OCTAL LISTING FOR PARAGRAPH J 074, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" A DENOTES UNUSED FIXED MEMORY
ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACB (CONSTANTS)

13,2000	I' 43014 0	C' 01474 1	C' 01751 0	C' 26006 0	I' 77614 1	C' 01476 0	I' 45014 0	C' 01667 1
13,2010	C' 27113 1	I' 71214 0	C' 04307 1	C' 26031 1	C' 01571 0	C' 34041 0	C' 27371 1	I' 45014 0
13,2020	C' 01674 0	C' 26621 0	I' 43014 0	C' 02756 1	C' 26026 1	C' 01476 0	I' 45014 0	C' 01467 0
13,2030	C' 27113 1	I' 77614 1	C' 01236 1	C' 26607 1	I' 43414 1	C' 01474 1	05435 0	C' 00031 0
13,2040	32163 1	04555 0	C' 20624 0	12155 0	02046 1	02040 1	32164 0	04555 0
13,2050	C' 20624 0	12155 0	02054 1	02046 1	06008 1	I' 77745 1	C' 03413 1	C' 34041 0
13,2060	C' 27036 1	I' 53575 0	C' 00001 0	I' 77676 0	C' 00031 0	I' 53435 0	C' 00007 0	C' 00023 0
13,2070	I' 53435 0	C' 00031 0	C' 24015 0	C' 03540 0	I' 76505 0	C' 00015 0	I' 77655 1	C' 00007 0
13,2100	C' 00007 0	I' 77624 1	C' 27371 1	I' 77624 1	C' 26185 1	I' 53775 1	C' 00007 0	C' 57176 0
13,2110	C' 25543 1	C' 00001 0	I' 77657 0	C' 57176 0	C' 15535 0	C' 03413 1	C' 01517 0	I' 71214 0
13,2120	C' 01873 1	C' 01571 0	C' 34041 0	C' 27066 1	I' 77624 1	C' 27371 1	I' 77775 1	C' 00017 1
13,2130	C' 01503 0	C' 15535 0	C' 00015 0	C' 25517 0	C' 00025 0	I' 77624 1	C' 23360 0	I' 77776 1
13,2140	05301 0	C' 04024 0	05435 0	C' 00238 0	06006 1	I' 77624 1	C' 26711 1	I' 77531 0
13,2150	C' 00053 1	C' 26154 0	04555 0	C' 27426 1	I' 77776 1	34714 1	55126 1	55125 1
13,2160	37716 0	55734 1	14106 0	C' 01524 0	C' 01441 1	I' 43174 1	C' 00002 0	C' 00063 1
13,2170	I' 77014 1	C' 04303 0	C' 00052 0	C' 00000 1	I' 43414 1	C' 00263 0	04604 1	55777 0
13,2200	06006 1	I' 43234 0	C' 45505 0	C' 26317 0	C' 02356 0	I' 43014 0	C' 00705 0	C' 26214 1
13,2210	C' 00706 0	C' 26224 1	I' 77650 1	C' 26245 0	I' 77745 1	C' 02356 0	C' 34041 0	C' 27057 0
13,2220	I' 77775 1	C' 00001 0	I' 77650 1	C' 26234 0	I' 71214 0	C' 04305 0	C' 54000 0	C' 02356 0
13,2230	I' 77624 1	C' 26373 1	I' 77775 1	C' 02152 0	C' 16766 1	C' 02356 0	C' 34041 0	C' 27045 0
13,2240	I' 52375 1	C' 02766 1	C' 00001 0	I' 52056 0	C' 26260 1	I' 72131 1	C' 00051 0	C' 00000 1
13,2250	C' 00304 0	I' 77700 0	C' 26256 1	I' 52175 0	C' 02617 0	C' 26260 1	I' 77775 1	C' 02611 0
13,2260	I' 53521 1	C' 01736 1	C' 02766 1	I' 45001 1	C' 00001 0	C' 47432 1	I' 77624 1	C' 46034 1
13,2270	I' 77414 0	C' 01750 1	C' 26274 1	02312 0	I' 45345 1	C' 02776 0	C' 26315 1	I' 71244 0
13,2300	C' 26305 0	C' 02776 0	I' 51025 1	C' 26321 0	C' 26307 1	I' 77776 1	02311 0	I' 77776 1
13,2310	25777 1	25777 1	31777 1	04561 1	C' 25252 0	C' 25254 0	C' 00000 1	C' 00202 1
13,2320	C' 61740 0	C' 77777 0	I' 40220 0	C' 02242 1	C' 00001 0	C' 24007 0	C' 02152 0	I' 51406 1
13,2330	C' 16310 1	C' 11456 0	I' 71414 0	C' 01743 0	C' 26335 0	I' 77624 1	C' 55366 1	I' 77656 1
13,2340	C' 36152 1	C' 26523 1	I' 77624 1	C' 26533 0	I' 63545 0	C' 02152 0	I' 63525 0	C' 02154 0
13,2350	I' 75415 0	I' 76405 1	C' 00011 1	C' 14021 1	C' 02156 1	C' 34023 1	C' 26463 1	C' 15104 0
13,2360	C' 02152 0	C' 14021 1	C' 02154 0	C' 34023 1	C' 26463 1	C' 15106 1	C' 02310 1	I' 77625 0
13,2370	C' 02241 1	C' 35110 1	C' 02242 1	I' 40220 0	C' 02242 1	C' 00001 0	C' 34007 1	C' 26523 1



OCTAL LISTING FOR PARAGRAPH J 075, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, "A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACs (CONSTANTS)

13,2400	I' 73545 1	C' 01104 0	I' 65275 1	C' 00011 1	C' 01104 0	I' 65348 0	C' 01108 1	I' 57358 0
13,2410	I' 71525 0	C' 01104 0	I' 71525 0	C' 01108 1	I' 55475 1	I' 41458 0	C' 38152 1	C' 28533 0
13,2420	I' 43145 0	C' 11458 0	C' 01743 0	C' 28425 0	I' 77746 1	I' 77624 1	C' 55341 1	C' 16152 0
13,2430	C' 02241 1	I' 74215 1	C' 01110 0	C' 02152 0	I' 77772 0	C' 38152 1	C' 02242 1	I' 63545 0
13,2440	C' 02158 1	I' 44352 0	C' 11454 1	I' 44275 1	C' 28460 1	C' 11454 1	I' 75485 1	C' 28454 0
13,2450	I' 77622 1	C' 02241 1	I' 77818 0	C' 00446 1	C' 00305 1	C' 17711 0	C' 05254 1	C' 00155 0
13,2460	C' 25250 1	C' 00302 0	C' 17755 0	I' 77600 1	C' 28485 1	I' 63545 0	C' 00023 0	I' 63525 0
13,2470	C' 00021 1	I' 77615 0	I' 75454 0	C' 28511 0	I' 40065 0	C' 00023 0	C' 28516 1	I' 67542 0
13,2500	C' 00025 0	I' 50125 1	C' 00021 1	C' 28505 0	I' 43545 1	I' 57545 1	I' 43244 1	C' 28513 1
13,2510	C' 11454 1	C' 00025 0	I' 77618 0	I' 52025 1	C' 11454 1	C' 28511 0	I' 75345 1	C' 11502 0
13,2520	C' 00023 0	C' 00025 0	I' 77818 0	I' 43145 0	C' 28458 1	C' 01743 0	C' 28531 1	I' 77735 0
13,2530	C' 11454 1	C' 00011 1	I' 77618 0	I' 71220 1	C' 00051 0	C' 28560 0	I' 71214 0	C' 01703 1
13,2540	C' 28550 0	C' 28482 0	I' 45014 0	C' 00742 0	C' 28548 1	C' 28437 0	C' 38241 0	C' 00051 0
13,2550	I' 77214 0	C' 00702 1	C' 28548 1	C' 02028 1	I' 64446 0	I' 77850 1	C' 28546 1	C' 00085 1
13,2560	C' 01285 1	05301 0	C' 00052 0	34754 0	05042 1	C' 02570 1	C' 28083 0	05213 1
13,2570	06006 1	I' 47014 1	C' 04712 1	C' 28630 0	C' 45505 0	C' 00041 1	I' 77624 1	C' 27371 1
13,2600	I' 45014 0	C' 01076 1	C' 28621 0	I' 77850 1	C' 28000 0	C' 00003 1	C' 25140 0	I' 77414 0
13,2610	C' 01672 0	05301 0	C' 20032 1	00006 1	32806 0	05231 1	C' 02581 1	C' 28083 0
13,2620	05112 0	I' 43014 0	C' 01472 1	C' 01673 1	I' 43014 0	C' 01676 1	C' 01675 1	I' 77618 0
13,2630	I' 77776 1	05301 0	C' 00002 0	05447 0	C' 00221 0	05112 0	I' 47020 0	C' 00051 0
13,2640	C' 28651 1	I' 45014 0	C' 04063 0	C' 20237 0	I' 43014 0	C' 00303 1	C' 00051 0	C' 04223 0
13,2650	C' 00051 0	03015 0	55500 1	51500 0	31502 1	51500 0	55554 0	11500 1
13,2660	12852 0	06030 1	I' 43034 1	C' 28700 1	C' 04303 0	C' 28873 1	I' 68214 0	C' 00283 0
13,2670	C' 02151 0	C' 00000 1	I' 77618 0	I' 66214 0	C' 00063 1	C' 02151 0	C' 00002 0	I' 77618 0
13,2700	03015 0	55500 1	51500 0	31554 1	51500 0	55502 0	11500 1	12701 1
13,2710	06030 1	I' 47020 0	C' 00051 0	C' 28724 1	I' 45014 0	C' 04064 1	C' 20283 1	I' 43014 0
13,2720	C' 00303 1	C' 00051 0	C' 04224 1	C' 00051 0	03015 0	55500 1	51500 0	31502 1
13,2730	51500 0	55628 0	11500 1	12725 1	06030 1	I' 47014 1	C' 04307 1	C' 28756 1
13,2740	C' 28745 0	I' 52014 0	C' 04304 1	C' 28673 1	C' 28668 0	03015 0	55500 1	51500 0
13,2750	31626 1	51500 0	55502 0	11500 1	12748 1	06030 1	I' 77201 1	C' 00001 0
13,2760	C' 02028 1	I' 41525 0	C' 00041 1	C' 15517 0	C' 27756 0	I' 77624 1	C' 55341 1	C' 25535 0
13,2770	C' 11450 0	C' 14001 0	C' 01517 0	C' 14007 0	C' 27758 0	I' 45014 0	C' 00063 1	C' 55341 1



OCTAL LISTING FOR PARAGRAPH J 076, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR AOA (CONSTANTS)

13,3000	I' 74235 0	C' 01535 0	C' 27014 1	C' 25543 1	C' 11456 0	C' 01521 0	I' 67174 1	C' 00002 0
13,3010	C' 02150 1	C' 35527 1	C' 27136 0	C' 07112 1	C' 06620 0	33021 1	54008 0	33438 0
13,3020	00002 0	C' 26063 0	I' 45020 1	C' 00046 0	C' 27371 1	I' 43130 1	C' 02214 1	C' 01474 1
13,3030	I' 43014 0	C' 01467 0	C' 01676 1	I' 77614 1	C' 01633 0	C' 27115 1	I' 45020 1	C' 00046 0
13,3040	C' 27371 1	I' 43130 1	C' 02214 1	C' 01634 1	C' 27030 1	I' 45020 1	C' 00046 0	C' 27371 1
13,3050	I' 43130 1	C' 02214 1	C' 01474 1	I' 43014 0	C' 01676 1	C' 01433 1	C' 27115 1	I' 45020 1
13,3060	C' 00046 0	C' 27371 1	I' 43130 1	C' 02214 1	C' 01634 1	C' 27053 1	I' 66214 0	C' 01467 0
13,3070	C' 02151 0	C' 00000 1	I' 66214 0	C' 00343 0	C' 27077 1	C' 02151 0	C' 00002 0	I' 77220 1
13,3100	C' 02214 1	C' 11456 0	C' 01521 0	C' 35527 1	C' 23344 0	I' 43014 0	C' 01676 1	C' 04062 1
13,3110	I' 77614 1	C' 04020 1	C' 27127 0	I' 77620 0	C' 02214 1	I' 43014 0	C' 04060 0	C' 04062 1
13,3120	I' 77731 1	C' 00053 1	C' 27127 0	I' 52014 0	C' 01714 1	C' 26662 1	C' 26735 1	I' 77745 1
13,3130	C' 00041 1	C' 01101 0	I' 52014 0	C' 01753 1	C' 27234 1	C' 27220 1	I' 77414 0	C' 01652 1
13,3140	C' 27157 1	05301 0	C' 04022 0	05435 0	C' 00236 0	06008 1	I' 77731 1	C' 00053 1
13,3150	C' 27155 0	I' 52014 0	C' 01714 1	C' 26636 0	C' 26711 1	I' 77624 1	C' 56741 0	I' 45001 1
13,3160	C' 00001 0	C' 23344 0	I' 53775 1	C' 01503 0	C' 57576 1	I' 53715 1	C' 01511 0	C' 57576 1
13,3170	I' 63325 0	C' 01517 0	C' 01503 0	I' 64715 0	C' 01511 0	C' 50041 1	I' 76006 0	C' 77765 0
13,3200	I' 76014 0	C' 00303 1	C' 27204 1	C' 77775 1	I' 40001 1	C' 00001 0	C' 27207 1	I' 43014 0
13,3210	C' 04676 1	C' 01667 1	I' 77535 1	C' 02215 0	30154 1	50120 1	54052 1	03406 0
13,3220	I' 45345 1	C' 01101 0	C' 01517 0	C' 36312 1	C' 23344 0	I' 77624 1	C' 22310 0	I' 43345 1
13,3230	C' 01551 1	C' 01517 0	C' 35517 1	C' 27157 1	I' 43014 0	C' 04752 0	C' 27241 0	C' 01632 1
13,3240	C' 27204 1	I' 73001 1	C' 00013 0	C' 02150 1	I' 51575 1	C' 01535 0	I' 43006 0	C' 00282 1
13,3250	I' 50023 0	C' 67241 1	C' 27255 0	I' 77614 1	C' 00062 0	I' 41345 0	C' 00013 0	C' 00043 0
13,3260	I' 55762 1	C' 50041 1	I' 41366 1	C' 23675 1	I' 40442 1	I' 54345 1	C' 00155 0	C' 20220 0
13,3270	I' 40006 0	C' 27316 0	I' 50021 1	C' 27370 0	C' 27316 0	I' 45345 1	C' 01101 0	C' 01517 0
13,3300	I' 54234 0	C' 45541 0	C' 20211 1	C' 02314 0	I' 51400 1	C' 27322 1	I' 50025 0	C' 00015 0
13,3310	C' 27326 0	I' 75345 1	C' 00015 0	C' 02314 0	C' 36314 1	C' 27326 0	I' 65345 0	C' 27370 0
13,3320	I' 77650 1	C' 27275 1	I' 77634 0	C' 45707 0	C' 36314 1	C' 27311 1	I' 51545 1	C' 02314 0
13,3330	I' 50025 0	C' 27366 1	C' 27136 0	I' 46135 1	C' 01012 0	C' 27340 0	I' 77650 1	C' 23155 1
13,3340	I' 77614 1	C' 01707 0	C' 23155 1	I' 45345 1	C' 02314 0	C' 00015 0	I' 43040 1	C' 27136 0
13,3350	C' 04242 1	C' 23155 1	I' 45345 1	C' 01101 0	C' 01517 0	I' 77640 0	C' 27204 1	I' 40525 1
13,3360	C' 02314 0	I' 44322 1	I' 52040 1	C' 27204 1	C' 23155 1	C' 00000 1	C' 01400 1	C' 14152 1
13,3370	C' 00000 1	I' 77776 1	34714 1	54001 1	30106 0	50001 0	73467 0	00006 1



OCTAL LISTING FOR PARAGRAPH J 077, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, "A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED #1A (INTERPRETIVE OPERATOR WORDS) OR #CB (CONSTANTS)

13,3400	13445 0	50001 0	33464 1	05070 0	I' 77776 1	13426 0	40106 1	74704 1
13,3410	10000 0	03428 1	50120 1	30052 0	55055 1	05301 0	C' 04022 0	31055 0
13,3420	50120 1	54052 1	34704 0	70106 1	00006 1	13450 1	34714 1	54154 0
13,3430	50154 1	33464 1	00004 0	05074 1	10064 1	13430 1	C' 00051 0	50154 1
13,3440	43467 0	70106 1	54106 1	00003 1	13450 1	50001 0	34675 1	26106 1
13,3450	06006 1	I' 77616 0	I' 77776 1	34712 1	13373 1	I' 77776 1	34711 1	13373 1
13,3460	34712 1	13427 1	34711 1	13427 1	C' 27372 1	C' 27453 0	C' 27456 0	C' 20100 1
13,3470	C' 10040 1	C' 04020 1	I' 43020 1	C' 02317 0	C' 02716 0	C' 27550 1	I' 77614 1	C' 01711 1
13,3500	C' 27550 1	I' 77614 1	C' 04307 1	C' 27520 0	I' 45145 0	C' 01205 1	C' 27371 1	I' 45014 0
13,3510	C' 01474 1	C' 26621 0	I' 43014 0	C' 02747 1	C' 27516 0	C' 01674 0	C' 34041 0	C' 27113 1
13,3520	I' 45174 1	C' 00002 0	C' 27371 1	I' 77014 1	C' 04303 0	C' 27527 1	C' 00000 1	I' 53775 1
13,3530	C' 01171 1	C' 57176 0	C' 01503 0	C' 15535 0	C' 01205 1	C' 25517 0	C' 01177 1	I' 45057 1
13,3540	C' 57176 0	C' 23360 0	I' 66234 1	C' 26651 1	C' 01127 1	C' 00000 1	I' 77650 1	C' 75745 0
13,3550	I' 45145 0	C' 01205 1	C' 27371 1	I' 43014 0	C' 01476 0	C' 04476 0	I' 43014 0	C' 01475 0
13,3560	C' 01674 0	I' 43014 0	C' 02747 1	C' 27567 0	C' 01474 1	I' 77614 1	C' 01675 1	C' 34041 0
13,3570	C' 27113 1	I' 77650 1	C' 27501 0	I' 43020 1	C' 01127 1	C' 04634 1	C' 27612 1	I' 43020 1
13,3600	C' 01127 1	C' 04474 1	I' 43234 0	C' 45505 0	C' 27714 0	I' 51021 0	C' 00041 1	C' 27616 0
13,3610	I' 77624 1	C' 27702 1	I' 43234 0	C' 45505 0	C' 27714 0	C' 00041 1	I' 77624 1	C' 27371 1
13,3620	I' 45014 0	C' 01676 1	C' 26034 1	I' 43014 0	C' 01673 1	C' 04475 0	I' 77624 1	C' 27113 1
13,3630	I' 77214 0	C' 04675 1	C' 00001 0	C' 25232 0	C' 00007 0	C' 15240 0	C' 00015 0	C' 01246 0
13,3640	I' 66134 1	C' 03746 1	C' 03745 1	I' 77776 1	00004 0	00006 1	40025 1	20155 1
13,3650	07226 0	31127 1	04577 0	I' 47014 1	C' 04754 0	C' 27672 1	C' 45505 0	I' 44215 1
13,3660	C' 27714 0	C' 01101 0	I' 45044 0	C' 27234 1	C' 27702 1	I' 43234 0	C' 45505 0	C' 27714 0
13,3670	C' 35101 1	C' 27234 1	I' 45345 1	C' 01101 0	C' 01517 0	I' 45246 0	C' 27712 0	I' 52040 1
13,3700	C' 27136 0	C' 27665 1	I' 77414 0	C' 04674 0	25127 1	05537 0	C' 01703 1	06006 1
13,3710	I' 77616 0	C' 00000 1	C' 00003 1	C' 00000 1	C' 02342 0	C' 77764 1	C' 77775 1	C' 77766 0
13,3720	C' 77771 0	C' 77775 1	C' 77775 1	C' 00000 1	C' 77763 0	C' 77766 0	C' 77773 1	C' 77770 1
13,3730	C' 77771 0	C' 27446 1	C' 14620 0	C' 16471 1	C' 01352 1	C' 22437 1	C' 16067 1	C' 00000 1
13,3740	C' 00000 1	C' 02302 1	C' 24736 0	C' 00000 1	C' 00000 1	C' 77776 1	C' 53032 0	C' 10407 0
13,3750	C' 05344 1	C' 13710 0	C' 35320 0	C' 12160 0	C' 12124 0	C' 24000 1	C' 00000 1	C' 74631 0
13,3760	C' 63145 1	C' 00243 1	C' 32703 1	C' 03654 0	C' 21000 1	C' 03654 0	C' 21000 1	C' 04627 0
13,3770	C' 25200 1	C' 03771 0	C' 03772 0	C' 74774 0	"	"	"	"



OCTAL LISTING FOR PARAGRAPH J 100, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" A DENOTES UNUSED FIXED MEMORY
ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACA (CONSTANTS)

14,2000	I' 43573 1	C' 31744 1	I' 43020 1	C' 02576 1	C' 04285 1	I' 77776 1	00008 1	30036 1
14,2010	53161 1	08008 1	I' 43131 0	C' 01304 1	C' 00000 1	C' 00271 0	I' 77776 1	08008 1
14,2020	I' 43014 0	C' 00073 0	C' 00705 0	C' 30103 0	I' 77414 0	C' 03660 1	31314 0	00008 1
14,2030	62131 0	04555 0	C' 28176 0	12161 1	12124 0	05435 0	C' 00013 0	34701 0
14,2040	70075 1	10000 0	02052 1	34705 1	70074 0	10000 0	12052 0	32151 0
14,2050	04555 0	C' 20802 1	31314 0	00008 1	62065 0	40074 0	74707 1	10000 0
14,2060	02063 0	31775 0	55180 0	31773 0	55161 1	34731 0	04555 0	C' 01732 0
14,2070	34701 0	70075 1	10000 0	12104 1	34674 0	70103 1	00006 1	12028 0
14,2100	08008 1	I' 77650 1	C' 02576 1	I' 77776 1	04555 0	C' 76538 0	30075 0	74706 0
14,2110	00008 1	12100 0	40075 1	74704 1	10000 0	12122 0	30101 1	74701 1
14,2120	10000 0	02031 1	32175 0	12066 1	05447 0	C' 00013 0	05537 0	C' 00407 1
14,2130	02037 1	34705 1	70074 0	10000 0	02065 0	00004 0	37861 1	05042 1
14,2140	C' 02144 1	C' 30065 1	00003 1	12065 1	08008 1	I' 77624 1	C' 31322 0	I' 77776 1
14,2150	05112 0	C' 01534 1	C' 01531 1	C' 10484 0	C' 12470 1	C' 00000 1	C' 00000 1	C' 15373 1
14,2160	C' 11554 0	34701 0	70075 1	10000 0	02124 1	32174 1	04555 0	C' 21671 1
14,2170	12176 1	12065 1	12065 1	15112 1	C' 00404 1	C' 00264 1	05425 1	04555 0
14,2200	C' 16063 0	34714 1	55323 0	04555 0	C' 20464 0	04106 1	I' 43020 1	C' 02576 1
14,2210	C' 04065 0	I' 43014 0	C' 01463 1	C' 00462 1	I' 77650 1	C' 30005 1	I' 77620 0	C' 00300 1
14,2220	C' 36607 0	C' 54110 0	C' 26752 0	C' 00003 1	C' 16744 1	C' 02607 1	C' 34041 0	C' 27045 0
14,2230	I' 61131 0	C' 00052 0	C' 00000 1	C' 30256 0	I' 52375 1	C' 02752 0	C' 00001 0	I' 77656 1
14,2240	C' 26752 0	C' 00001 0	I' 57456 1	C' 16736 1	C' 32162 0	I' 77624 1	C' 30316 0	C' 14017 1
14,2250	C' 32200 1	C' 24023 0	C' 02744 1	I' 77656 1	C' 36744 0	C' 30303 1	I' 40575 1	C' 02752 0
14,2260	I' 51362 1	C' 02744 1	I' 77656 1	C' 26744 1	C' 02752 0	I' 53455 0	C' 00001 0	I' 77676 0
14,2270	C' 26736 1	C' 00001 0	I' 57456 1	C' 16752 0	C' 32160 1	I' 77624 1	C' 30316 0	C' 14023 0
14,2300	C' 32200 1	C' 24017 1	C' 02744 1	I' 77635 1	C' 32170 0	C' 27474 0	C' 00007 0	I' 53361 0
14,2310	C' 32166 1	C' 03474 0	C' 17474 0	C' 32202 0	C' 34021 0	C' 00300 1	I' 70471 1	C' 00045 0
14,2320	I' 43336 0	C' 32164 0	I' 70546 1	I' 77616 0	04604 1	55777 0	06006 1	I' 77624 1
14,2330	C' 47432 1	I' 77624 1	C' 34567 1	I' 77601 0	C' 00001 0	I' 71214 0	C' 01465 1	C' 11456 0
14,2340	C' 24303 1	C' 02714 1	I' 63361 0	C' 30502 0	C' 02730 1	I' 74370 0	C' 00344 1	C' 30504 0
14,2350	I' 77655 1	I' 53505 1	C' 01736 1	C' 02760 1	I' 66331 0	C' 00051 0	C' 00006 1	C' 00052 0
14,2360	C' 00006 1	I' 52100 1	C' 30364 0	C' 30513 0	I' 45173 0	C' 31744 1	C' 30457 1	I' 73014 0
14,2370	C' 01710 0	C' 30361 0	C' 00046 0	I' 52104 0	C' 30376 0	C' 30361 0	I' 45173 0	C' 46033 0

OCAL LISTING FOR PARAGRAPH J 101, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" A DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR AOA (CONSTANTS)

14,2400	C' 30457 1	I' 76614 0	C' 01710 0	C' 30373 0	C' 31744 1	I' 45237 0	C' 46033 0	C' 30506 1
14,2410	I' 43240 0	C' 30373 0	C' 30510 0	I' 77644 1	C' 30373 0	I' 50373 0	C' 31744 1	C' 02760 1
14,2420	I' 50025 0	C' 30512 1	C' 30361 0	I' 50373 0	C' 46033 0	C' 02760 1	I' 51025 1	C' 30512 1
14,2430	C' 30433 0	I' 77650 1	C' 30373 0	I' 77614 1	C' 01605 0	C' 30452 1	I' 65120 1	C' 00302 0
14,2440	C' 00303 1	I' 47773 1	C' 31744 1	C' 46033 0	I' 43006 0	C' 01545 1	C' 30436 0	I' 45345 1
14,2450	I' 77644 1	C' 30373 0	I' 67130 1	C' 00302 0	C' 00303 1	I' 77650 1	C' 30373 0	I' 51321 0
14,2460	C' 02738 1	C' 00017 1	I' 77654 0	C' 30476 1	I' 75240 0	C' 30476 1	C' 00160 0	I' 75240 0
14,2470	C' 30476 1	C' 00162 1	I' 43040 1	C' 30476 1	C' 01630 0	C' 00052 0	I' 77614 1	C' 01430 1
14,2500	C' 00052 0	C' 21150 0	C' 25157 0	C' 32766 1	C' 22713 1	C' 01736 1	C' 35137 1	C' 73003 0
14,2510	C' 65403 0	C' 06233 0	C' 26112 1	I' 77414 0	C' 01745 0	C' 30517 1	02521 0	I' 77776 1
14,2520	25777 1	31777 1	04561 1	I' 77776 1	34712 1	54304 1	54301 1	06006 1
14,2530	I' 43014 0	C' 00666 1	C' 00665 1	I' 77776 1	05301 0	C' 05024 1	C' 13000 0	50304 0
14,2540	30302 0	00006 1	72701 1	54735 1	32700 1	04555 0	C' 20763 1	04106 1
14,2550	02555 0	02544 0	36211 0	05415 1	15112 1	06006 1	I' 45034 1	C' 45505 0
14,2560	C' 32363 0	I' 72131 1	C' 00051 0	C' 00000 1	C' 00304 0	I' 77700 0	C' 30571 1	C' 36617 1
14,2570	C' 30572 1	C' 02611 0	I' 77776 1	41011 1	62677 0	00006 1	12672 1	06006 1
14,2600	I' 77624 1	C' 30002 0	I' 77624 1	C' 31266 1	C' 02617 0	I' 77776 1	04555 0	C' 16063 0
14,2610	06006 1	I' 45145 0	C' 02607 1	C' 32363 0	I' 77776 1	10304 1	02657 1	06006 1
14,2620	I' 53521 1	C' 01736 1	C' 02736 1	I' 77775 1	C' 02617 0	C' 24007 0	C' 02611 0	C' 24015 0
14,2630	C' 02601 1	C' 36744 0	C' 30702 1	I' 45014 0	C' 00354 0	C' 30643 0	C' 47334 0	I' 77624 1
14,2640	C' 32203 1	I' 77614 1	C' 01273 0	I' 77776 1	35656 1	04555 0	C' 20751 0	04106 1
14,2650	02652 1	02654 1	04555 0	C' 32120 0	06006 1	I' 77650 1	C' 32143 0	06006 1
14,2660	I' 53521 1	C' 01736 1	C' 26601 1	C' 02617 0	C' 02611 0	I' 77731 1	C' 00305 1	C' 00000 1
14,2670	I' 77650 1	C' 30530 1	06006 1	I' 77624 1	C' 32252 0	I' 77650 1	C' 30602 0	C' 00066 1
14,2700	C' 00306 1	C' 05253 0	I' 43020 1	C' 02777 1	C' 00074 1	I' 77760 0	C' 02735 1	I' 47773 1
14,2710	C' 00001 0	C' 00007 0	I' 65552 0	C' 00025 0	I' 43014 0	C' 00354 0	C' 30726 1	C' 00174 0
14,2720	I' 71360 1	C' 00006 1	C' 00025 0	C' 00023 0	I' 77650 1	C' 30707 1	I' 45345 1	C' 00025 0
14,2730	C' 00023 0	I' 47046 0	C' 45541 0	C' 01046 1	I' 77414 0	C' 00074 1	34714 1	04555 0
14,2740	C' 20607 1	32755 1	04555 0	C' 20624 0	14106 0	02752 0	06006 1	I' 52014 0
14,2750	C' 00274 0	C' 02777 1	06006 1	I' 77650 1	C' 02777 1	C' 01405 1	I' 45020 1	C' 00035 1
14,2760	C' 22256 0	I' 66234 1	C' 32236 1	C' 00051 0	C' 00001 0	I' 40370 1	C' 00003 1	C' 00005 1
14,2770	I' 70543 1	C' 01161 0	I' 70523 1	C' 00005 1	I' 51425 0	I' 45206 1	C' 31053 0	I' 71240 1



OCTAL LISTING FOR PARAGRAPH J 102, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" A DENOTES UNUSED FIXED MEMORY
ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACA (CONSTANTS)

14,3000	C' 31027 0	I' 51025 1	C' 31054 1	C' 31027 0	I' 77778 1	04555 0	C' 16602 1	04555 0
14,3010	C' 17516 0	05644 1	04555 0	C' 17012 1	04555 0	C' 17516 0	05644 1	08008 1
14,3020	I' 77234 1	C' 31263 1	C' 11456 0	C' 01472 1	I' 52014 0	C' 01060 0	C' 31031 1	I' 77700 0
14,3030	C' 30770 1	I' 75160 1	C' 02671 0	C' 01735 1	I' 77624 1	C' 31040 1	I' 77650 1	C' 00035 1
14,3040	I' 77773 1	C' 00001 0	C' 10001 1	I' 77773 1	C' 00007 0	C' 10007 1	I' 77773 1	C' 00015 0
14,3050	C' 10015 1	I' 77616 0	C' 00056 1	C' 37722 1	41320 0	74702 1	10000 0	03063 1
14,3060	05537 0	C' 00210 1	04106 1	04555 0	C' 17607 0	34720 0	04555 0	C' 20751 0
14,3070	04106 1	03134 1	05301 0	C' 05024 1	C' 13000 0	34714 1	55155 0	55156 0
14,3100	55157 1	33261 1	04555 0	C' 20577 0	33262 1	04555 0	C' 20577 0	04555 0
14,3110	C' 16602 1	04555 0	C' 17516 0	05644 1	04555 0	C' 17012 1	04555 0	C' 17516 0
14,3120	05644 1	08006 1	I' 77234 1	C' 31263 1	C' 11456 0	C' 01472 1	I' 77414 0	C' 01060 0
14,3130	05301 0	C' 05024 1	C' 13000 0	13065 0	05301 0	C' 00014 1	06006 1	I' 40331 1
14,3140	C' 00305 1	C' 00000 1	C' 00001 0	I' 77414 0	C' 00666 1	34712 1	54301 1	05301 0
14,3150	C' 05024 1	C' 13000 0	05253 0	C' 00065 1	13162 0	08006 1	I' 77624 1	C' 32252 0
14,3160	I' 77650 1	C' 31165 1	08006 1	I' 77624 1	C' 31322 0	I' 77624 1	C' 31266 1	I' 77606 1
14,3170	I' 53135 0	C' 00305 1	C' 31177 1	I' 45575 1	C' 75160 1	I' 77650 1	C' 31205 1	I' 45575 1
14,3200	C' 61166 1	C' 02607 1	I' 77624 1	C' 32363 0	C' 02601 1	I' 77776 1	05301 0	C' 05024 1
14,3210	C' 13000 0	04555 0	C' 16063 0	10304 1	13223 0	05301 0	C' 05024 1	C' 13000 0
14,3220	34712 1	54304 1	13147 1	05301 0	C' 05024 1	C' 13000 0	08006 1	I' 45145 0
14,3230	C' 02607 1	C' 32363 0	C' 24015 0	C' 02601 1	C' 24007 0	C' 02611 0	C' 26736 1	C' 02617 0
14,3240	C' 36744 0	C' 30702 1	I' 77414 0	C' 00314 1	C' 31246 0	03065 1	I' 77624 1	C' 47334 0
14,3250	I' 75160 1	C' 02713 0	C' 01735 1	I' 45014 0	C' 01662 1	C' 31040 1	I' 52014 0	C' 01462 0
14,3260	C' 32143 0	C' 01426 0	C' 12200 0	30025 0	55074 1	16030 0	I' 77620 0	C' 00300 1
14,3270	I' 70740 0	C' 01330 0	C' 00001 0	C' 02607 1	I' 66744 0	C' 00304 0	C' 48456 1	I' 76744 1
14,3300	C' 00154 1	C' 00001 0	C' 10001 1	I' 77743 1	C' 00006 1	C' 10006 0	I' 77624 1	C' 48000 0
14,3310	I' 62150 1	C' 01330 0	C' 00002 0	I' 45130 1	C' 00050 1	C' 47541 1	I' 77650 1	C' 00300 1
14,3320	C' 03674 1	C' 03502 0	I' 43020 1	C' 03501 0	C' 00071 1	I' 77776 1	30301 0	74716 1
14,3330	04555 0	C' 16002 1	04555 0	C' 17512 1	05644 1	51330 0	10052 1	13350 0
14,3340	13342 0	13342 0	34714 1	57330 0	10000 0	50000 1	54000 0	13326 1
14,3350	05253 0	C' 00026 0	13354 1	13400 1	05253 0	C' 00027 1	13360 0	13400 1
14,3360	33404 1	04555 0	C' 20763 1	04100 1	13371 0	03360 1	36211 0	05415 1
14,3370	05112 0	47713 1	70735 1	00006 1	76211 1	56001 0	50304 0	54302 1

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED \$I\$ (INTERPRETIVE OPERATOR WORDS) OR \$C\$ (CONSTANTS)

14,3400	C'	08008 1	I'	77614 1	C'	03420 1	C'	03501 0	C'	00307 0	C'	15261 0	C'	27231 1	C'	74126 1
14,3410	C'	61161 0	C'	70032 1	C'	54470 0	C'	15013 1	C'	10432 0	C'	67066 0	C'	40370 1	C'	02550 0
14,3420	C'	31133 1	C'	07207 0	C'	24243 1	C'	67275 0	C'	67544 0	C'	13261 0	C'	25121 1	C'	05075 0
14,3430	C'	16350 0	C'	70715 0	C'	55404 1	C'	62466 1	C'	54577 0	C'	10650 0	C'	17202 1	C'	63234 1
14,3440	C'	43704 0	C'	73710 0	C'	50170 1	C'	07203 1	C'	13612 0	C'	61746 0	C'	77370 0	C'	02343 1
14,3450	C'	05340 0	C'	03235 0	C'	14762 1	C'	62030 0	C'	51212 1	C'	70715 0	C'	64117 1	C'	01744 1
14,3460	C'	11157 1	C'	63531 0	C'	66055 1	C'	12007 0	C'	37503 0	C'	76145 0	C'	53477 0	C'	60372 1
14,3470	C'	43624 0	C'	03370 0	C'	15121 1	C'	76123 0	C'	64245 0	C'	72437 1	C'	45623 1	C'	61041 0
14,3500	C'	57124 1	C'	72275 1	C'	55365 1	C'	62641 0	C'	72150 0	C'	70712 1	C'	41542 1	C'	67363 0
14,3510	C'	50441 0	C'	64426 0	C'	77263 0	C'	07157 0	C'	34056 0	C'	63236 0	C'	77723 1	C'	67516 1
14,3520	C'	72566 1	C'	05231 1	C'	14031 0	C'	64753 1	C'	63156 0	C'	71237 1	C'	42272 0	C'	66427 0
14,3530	C'	64260 1	C'	66546 0	C'	73302 1	C'	73261 0	C'	73575 1	C'	14122 0	C'	07016 1	C'	61247 1
14,3540	C'	42015 0	C'	72314 1	C'	67004 1	C'	74744 0	C'	74104 1	C'	70605 0	C'	63103 0	C'	77154 1
14,3550	C'	54113 0	C'	61601 1	C'	62472 1	C'	60604 0	C'	63166 0	C'	77033 1	C'	63044 1	C'	73162 0
14,3560	C'	53261 1	C'	60431 1	C'	63350 1	C'	00680 0	C'	22763 0	C'	04045 1	C'	01424 1	C'	62165 1
14,3570	C'	45335 0	C'	07327 0	C'	21564 0	C'	03267 1	C'	34557 1	C'	63472 0	C'	50705 0	C'	11661 0
14,3600	C'	21433 0	C'	75501 1	C'	72421 0	C'	70431 0	C'	65316 0	C'	07510 1	C'	12666 1	C'	13727 1
14,3610	C'	21520 0	C'	72161 1	C'	43161 0	C'	11144 0	C'	32323 1	C'	64200 1	C'	76476 0	C'	71323 0
14,3620	C'	70264 0	C'	16403 1	C'	05717 0	C'	01365 0	C'	17682 0	C'	75055 0	C'	75101 0	C'	17030 1
14,3630	C'	32613 1	C'	73321 0	C'	65667 0	C'	77010 0	C'	66714 0	C'	11515 0	C'	05314 1	C'	63215 1
14,3640	C'	53630 1	C'	02145 0	C'	21163 0	C'	12715 1	C'	21123 1	C'	13401 0	C'	26125 0	C'	03161 1
14,3650	C'	14610 0	C'	17401 1	C'	36465 0	C'	75552 1	C'	56556 1	C'	05473 1	C'	01565 0	C'	16217 1
14,3660	C'	31643 1	C'	04417 1	C'	22211 0	C'	06444 0	C'	33354 0	C'	07765 1	C'	20153 1	C'	14154 1
14,3670	C'	23613 1	C'	13202 0	C'	05024 1	C'	13243 0	C'	07665 0	C'	01067 1	C'	01242 1	C'	10561 1
14,3700	C'	05666 1	C'	10401 0	C'	00357 0	C'	65477 0	C'	61124 1	C'	00154 1	C'	03111 0	C'	00077 1
14,3710	C'	35676 0	C'	17777 0	C'	01142 1	C'	07674 0	C'	11416 1	C'	03415 1	C'	12707 1	C'	62413 0
14,3720	C'	43135 1	C'	07511 0	C'	03423 1	C'	01672 0								

OCAL LISTING FOR PARAGRAPH J 104, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED A1A (INTERPRETIVE OPERATOR WORDS) OR ACB (CONSTANTS)

15,2000	05301 0	C' 00254 I	05447 0	C' 00027 1	05447 0	C' 00031 0	04555 0	C' 17573 0
15,2010	34707 0	70076 I	10000 0	02016 I	34711 1	02017 0	34712 I	55132 I
15,2020	34712 I	04555 0	C' 21041 I	04108 1	02031 I	02020 I	05301 0	C' 00014 I
15,2030	05112 0	31132 0	76214 1	50000 I	02035 0	02041 0	02110 0	02041 0
15,2040	12120 I	00008 I	34714 I	53046 0	32155 I	04555 0	C' 20624 0	04108 1
15,2050	02052 I	02044 0	00006 1	31046 1	00008 1	12057 0	12062 0	00006 I
15,2060	30025 0	53046 0	31132 0	74711 0	10000 0	12073 0	06006 1	I' 77624 I
15,2070	C' 34506 0	I' 77650 1	C' 32100 1	06006 1	I' 77745 1	C' 01046 1	I' 77624 1	C' 34636 0
15,2100	I' 77624 I	C' 22256 0	I' 77776 I	32156 I	04555 0	C' 20624 0	04108 I	02113 0
15,2110	06006 I	I' 77650 1	C' 32100 I	06006 I	I' 77624 I	C' 30756 0	I' 77414 0	C' 01462 0
15,2120	34720 0	04555 0	C' 20751 0	04108 I	02126 0	02140 0	06006 1	I' 43234 0
15,2130	C' 45505 0	C' 32176 0	I' 77624 I	C' 30216 I	I' 77776 I	04555 0	C' 30324 I	02145 0
15,2140	06006 I	I' 77624 1	C' 30523 0	I' 77776 1	04108 I	05537 0	C' 00405 0	34743 0
15,2150	04555 0	C' 20624 0	04108 1	02140 0	02120 0	C' 01442 1	C' 01426 0	C' 00065 1
15,2160	C' 01265 1	C' 00302 0	C' 24533 I	C' 00343 0	C' 21616 0	C' 00000 I	C' 13143 0	C' 00000 1
15,2170	C' 00000 I	C' 77777 0	C' 53231 1	C' 00001 0	C' 17570 0	C' 00001 0	C' 16700 I	C' 07760 1
15,2200	C' 14473 1	C' 07564 1	C' 15042 0	I' 77620 0	C' 02777 1	I' 77624 I	C' 47140 1	I' 77776 I
15,2210	32234 0	04555 0	C' 20624 0	04108 I	02216 0	02231 0	05301 0	C' 00314 1
15,2220	32235 I	04555 0	C' 17125 1	04555 0	C' 17516 0	05644 1	05301 0	C' 05024 I
15,2230	C' 13000 0	06006 1	I' 77650 1	C' 02777 1	C' 01535 0	C' 02757 0	00004 0	30032 0
15,2240	50120 I	54001 1	30033 1	50120 I	54002 1	30034 0	50120 1	54003 0
15,2250	00003 I	06030 1	I' 77776 1	32382 1	04555 0	C' 20624 0	04108 1	02261 0
15,2260	02253 1	04555 0	C' 16004 1	34714 I	04555 0	C' 20607 1	32380 0	04555 0
15,2270	C' 20470 0	14106 0	12263 0	06006 I	I' 77745 I	C' 03731 1	C' 16774 1	C' 03733 0
15,2300	C' 02776 0	I' 77776 1	00004 0	00006 1	30025 0	51330 0	52001 I	30033 I
15,2310	51330 0	54002 1	31773 0	51330 0	54003 0	30034 0	51330 0	54004 I
15,2320	31775 0	51330 0	54005 0	30032 0	51330 0	54006 0	00003 1	05425 I
15,2330	34333 0	04555 0	C' 20751 0	04108 1	12336 I	12263 0	34714 1	04555 0
15,2340	C' 20607 1	32361 I	04555 0	C' 20624 0	04108 1	02347 0	12336 1	47713 I
15,2350	70735 1	00006 1	76211 1	56001 0	50304 0	54302 1	06006 I	I' 77616 0
15,2360	C' 15200 I	C' 00307 0	C' 01536 0	C' 02607 1	I' 45020 1	C' 02777 1	C' 30216 1	I' 77775 1
15,2370	C' 02736 1	C' 24001 0	C' 02744 1	C' 26736 I	C' 00001 0	C' 02744 1	I' 77776 1	47713 1

OCTAL LISTING FOR PARAGRAPH J 105, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, 'A' DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACA (CONSTANTS)

15,2400	70735 1	00006 1	76211 1	56001 0	50304 0	54302 1	10000 0	12423 1
15,2410	32453 1	04555 0	C' 20624 0	04106 1	02416 0	02410 0	06006 1	I' 53575 0
15,2420	C' 02766 1	I' 77650 1	C' 32446 0	40000 0	62452 0	00006 1	62437 0	50304 0
15,2430	30302 0	50120 1	54046 1	06006 1	I' 52173 0	C' 31744 1	C' 32446 0	06006 1
15,2440	I' 70740 0	C' 00304 0	C' 00303 1	I' 76740 0	C' 00154 1	C' 02372 0	I' 53455 0	C' 03474 0
15,2450	I' 77650 1	C' 02777 1	C' 00343 0	C' 01530 0	34377 0	27725 1	34705 1	71321 1
15,2460	00006 1	12467 1	44712 0	70102 0	54102 0	06000 1	02534 1	30032 0
15,2470	57661 1	00006 1	21661 0	55675 0	30033 1	57662 1	00006 1	21662 0
15,2500	55676 0	30034 0	57663 0	00006 1	21663 1	55677 1	40102 0	76214 1
15,2510	50000 1	02512 0	02521 0	02532 1	12515 0	06000 1	05301 0	C' 00006 1
15,2520	05213 1	34712 1	55720 1	34377 0	05140 1	C' 02454 0	C' 32066 0	11720 1
15,2530	02556 0	05213 1	26102 0	34714 1	55711 0	55706 0	55707 1	55710 1
15,2540	55723 1	02522 0	54001 1	00002 0	50000 1	34873 1	26001 1	00002 0
15,2550	40000 0	61720 0	00006 1	74675 0	61720 0	00002 0	31663 0	04767 0
15,2560	55511 1	31661 1	04770 0	55512 1	00006 1	71511 1	55514 1	31661 1
15,2570	04767 0	55513 0	00006 1	71511 1	55515 0	41677 1	00006 1	71512 1
15,2600	53721 0	41676 0	00006 1	71515 0	21721 0	31720 0	57707 0	02550 0
15,2610	55702 1	41677 1	00006 1	71513 0	53721 0	31676 1	00006 1	71514 1
15,2620	21721 0	31720 0	57710 0	02550 0	55703 0	31663 0	04770 0	55510 0
15,2630	00006 1	71676 0	55720 1	34714 1	20001 1	61675 1	61720 0	40000 0
15,2640	55720 1	57706 1	02550 0	55701 1	11723 1	02647 0	02671 0	41664 0
15,2650	04770 0	00006 1	71723 1	55721 0	00006 1	73217 1	27701 1	31664 1
15,2660	04767 0	40000 0	00006 1	71723 1	27702 1	41721 0	00006 1	73220 0
15,2670	27703 0	34677 0	70102 0	00006 1	15213 0	34672 0	54030 0	00006 1
15,2700	32704 0	53313 0	05213 1	C' 02705 1	C' 32066 0	22016 0	00006 1	22012 1
15,2710	30021 1	60000 1	55623 0	31702 0	61665 0	02542 0	55665 1	04767 0
15,2720	55506 1	55705 0	00006 1	71701 1	57705 1	00006 1	71703 0	55704 1
15,2730	31665 0	04770 0	55507 0	00006 1	71703 0	27705 0	41507 0	00006 1
15,2740	71701 1	27704 1	27666 1	04770 0	00006 1	71705 0	61665 0	02542 0
15,2750	55665 1	40000 0	61603 0	02542 0	55477 0	55572 1	31705 1	61664 1
15,2760	02542 0	55714 0	55664 0	34710 0	70102 0	00006 1	13054 1	44712 0
15,2770	55700 0	55477 0	55500 1	41701 1	00006 1	73217 1	61703 1	03044 1



OCTAL LISTING FOR PARAGRAPH J 106, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" A DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED A1A (INTERPRETIVE OPERATOR WORDS) OR ACB (CONSTANTS)

15,3000	50000 1	33222 0	55720 1	31702 0	03044 1	50000 1	33225 1	27720 1
15,3010	00006 1	01005 0	11711 0	03236 0	03716 1	03723 1	10000 0	63215 1
15,3020	13050 0	63215 1	13051 1	55624 1	10000 0	43214 1	13030 0	33214 0
15,3030	60001 0	22002 0	03016 0	52002 1	11624 1	63212 0	13040 1	63212 0
15,3040	54000 0	13043 1	22007 0	57624 0	10000 0	63213 1	13051 1	63213 1
15,3050	40000 0	55721 0	34714 1	00002 0	55700 0	41666 1	61604 1	55721 0
15,3060	11506 1	63216 1	13064 1	63216 1	54000 0	13146 0	11506 1	13070 1
15,3070	11727 0	03104 1	03074 1	03104 1	05301 0	C' 40334 1	44712 0	55727 0
15,3100	33211 0	05140 1	C' 02374 0	C' 54066 0	11711 0	13113 0	13113 0	34714 1
15,3110	00008 1	01006 0	55711 0	11506 1	31721 1	13121 1	44714 0	55700 0
15,3120	41721 0	55573 0	55500 1	54001 1	11700 0	03130 0	34712 1	50000 1
15,3130	31703 1	03023 0	00006 1	04001 1	50000 1	33222 0	55720 1	31572 0
15,3140	54001 1	31702 0	03023 0	00006 1	04001 1	13005 0	25700 1	44712 0
15,3150	55711 0	11727 0	55727 0	13154 0	11507 0	41721 0	13180 1	31721 1
15,3160	55713 1	00006 1	74675 0	57713 0	54001 1	11507 0	41704 1	03171 0
15,3170	31704 0	03023 0	00006 1	04001 1	50000 1	33225 1	00006 1	01006 0
15,3200	31717 1	00006 1	21664 0	54001 1	11507 0	30001 0	03121 0	40001 1
15,3210	03121 0	C' 04064 1	C' 37734 0	C' 37756 1	C' 00067 0	C' 37267 0	C' 11277 0	C' 65033 1
15,3220	C' 36044 1	C' 00120 1	C' 00000 1	C' 00240 1	C' 00005 1	C' 00000 1	C' 00012 1	40025 1
15,3230	55712 0	34712 1	55711 0	05301 0	C' 00001 0	05213 1	44712 0	55617 1
15,3240	44726 1	00006 1	71701 1	60001 0	55613 0	41664 0	54021 0	40102 0
15,3250	74707 1	00006 1	13260 1	26102 0	31715 0	60021 1	57614 0	13320 1
15,3260	34675 1	60000 1	61715 0	57614 0	30021 1	64673 1	64673 1	57614 0
15,3270	27614 1	11613 0	64712 1	13275 0	64712 1	00006 1	71613 0	00006 1
15,3300	73767 0	00006 1	11506 1	54001 1	11614 1	34675 1	13310 1	44675 0
15,3310	61614 0	60001 0	54001 1	13320 1	50000 1	44674 1	60000 1	27614 1
15,3320	31614 0	00006 1	71506 1	55614 1	11700 0	03714 0	03327 1	31614 0
15,3330	55614 1	55713 1	31613 1	54021 0	30021 1	55570 0	57613 1	00006 1
15,3340	71613 0	00006 1	73767 0	55616 0	60000 1	40000 0	63773 1	54001 1
15,3350	11613 0	40001 1	13354 1	30001 0	61614 0	63773 1	00006 1	63374 1
15,3360	40000 0	63773 1	63773 1	00006 1	63403 0	43766 1	61616 1	00006 1
15,3370	63676 0	41617 1	55620 0	03456 0	41613 0	55613 0	54021 0	41614 1



OCTAL LISTING FOR PARAGRAPH J 107, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR AC (CONSTANTS)

15,3400	55814 1	41817 1	55817 1	43788 1	81818 1	00008 1	83410 1	13415 0
15,3410	43771 1	81814 0	80021 1	00008 1	83878 0	41817 1	55820 0	43773 0
15,3420	81818 1	81814 0	55815 0	83772 0	40000 0	00008 1	83434 1	31815 1
15,3430	00008 1	74875 0	20001 1	93437 1	00008 1	22007 0	43772 1	55587 0
15,3440	81813 1	80000 1	00008 1	73787 0	55821 1	00008 1	83450 0	03482 1
15,3450	10002 1	13458 1	31820 1	55817 1	41821 1	13481 0	41813 0	55587 0
15,3460	34714 1	55821 1	31587 1	80000 1	00008 1	73787 0	80000 1	55807 0
15,3470	40000 0	00008 1	83478 1	55807 0	31817 0	55820 0	41807 0	00008 1
15,3500	71587 0	55815 0	41587 0	00008 1	13520 1	81813 1	00008 1	71821 1
15,3510	81815 1	81814 0	22007 0	58001 0	00008 1	11587 0	00008 1	13522 0
15,3520	34740 0	13527 0	58001 0	00008 1	11587 0	00008 1	74740 1	55805 1
15,3530	33770 1	00008 1	71821 1	55821 1	33770 1	00008 1	71807 0	55807 0
15,3540	34714 1	55711 0	34712 1	54305 0	30025 0	84875 1	84875 1	27712 0
15,3550	33785 0	27712 0	44711 0	81821 0	00008 1	83587 0	51817 0	33225 1
15,3560	55822 1	31821 0	27712 0	00008 1	83571 1	34714 1	13622 0	44712 0
15,3570	55821 1	44711 0	81805 0	00008 1	83803 1	31805 0	27712 0	00008 1
15,3600	83805 1	34714 1	13824 0	44712 0	55805 1	44711 0	81807 1	00008 1
15,3610	83825 0	51820 1	33225 1	55810 0	31807 1	27712 0	00008 1	83827 1
15,3620	34714 1	13828 1	55821 1	44712 0	55805 1	44712 0	55807 0	34714 1
15,3630	55811 1	55812 1	55808 1	53822 1	10000 0	13852 1	23812 0	44712 0
15,3640	53808 1	10000 0	13852 1	23812 0	44712 0	53810 0	10000 0	13852 1
15,3650	23812 0	03881 0	58001 0	27812 1	58001 0	84712 1	05140 1	C' 03887 0
15,3660	C' 32088 0	31812 0	00008 1	01008 0	11811 1	05213 1	03724 0	34711 1
15,3670	55811 1	70102 0	00008 1	13862 1	22007 0	13838 0	41700 0	74712 0
15,3700	54001 1	50000 1	31714 1	50001 0	54000 0	80001 0	02542 0	55717 0
15,3710	34714 1	00008 1	01008 0	55587 0	55711 0	03888 1	41705 0	00008 1
15,3720	71508 1	00008 1	74875 0	27713 1	34875 1	00008 1	71713 1	55478 1
15,3730	40305 0	54305 0	00008 1	83737 1	04833 0	C' 42404 1	03755 0	88214 0
15,3740	00008 1	83745 1	30025 0	54304 1	44720 1	54305 0	00008 1	31702 0
15,3750	50305 1	52324 0	31703 1	50305 1	54325 1	31823 1	54021 0	00008 1
15,3760	33784 1	53313 0	05222 0	C' 03143 1	C' 12082 0	C' 77464 1	C' 00012 1	C' 23817 0
15,3770	C' 01440 0	C' 00288 0	C' 70708 1	C' 00133 0	C' 03774 0	C' 03775 1	OKS 52523 1	"



OCTAL LISTING FOR PARAGRAPH J 110, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, "A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACA (CONSTANTS)

16,2000	I' 77214 0	C' 01070 1	C' 11456 0	C' 03705 0	I' 43020 1	C' 03657 0	C' 01347 0	C' 34073 1
16,2010	I' 77201 1	C' 00001 0	C' 03640 0	C' 03576 0	I' 53435 0	C' 03632 0	C' 27713 1	C' 03632 0
16,2020	C' 03570 0	I' 65236 0	C' 00045 0	I' 56205 0	C' 34127 1	I' 41205 0	C' 03654 0	C' 03076 0
16,2030	I' 77671 1	C' 03727 0	C' 24017 1	C' 03646 0	I' 74241 0	C' 03713 1	C' 03713 1	I' 41552 0
16,2040	I' 65245 1	C' 03646 0	C' 00017 1	I' 63356 1	C' 00007 0	I' 53435 0	C' 03713 1	I' 45561 1
16,2050	C' 50056 1	I' 65256 0	C' 00017 1	I' 74346 0	I' 74255 0	C' 03721 0	C' 00045 0	I' 53352 0
16,2060	I' 77626 0	C' 74056 1	I' 77656 1	C' 27713 1	C' 03721 0	I' 43006 0	C' 01072 0	I' 77624 1
16,2070	C' 10653 0	I' 77650 1	C' 03657 0	I' 45345 1	C' 03413 1	C' 36001 0	C' 14041 1	C' 03656 1
16,2100	I' 77625 0	C' 00041 1	C' 37423 0	C' 61663 0	I' 77775 1	C' 03612 1	C' 17713 1	C' 03413 1
16,2110	C' 00041 1	I' 77621 1	C' 03656 1	C' 37423 0	C' 61663 0	I' 41575 0	C' 03646 0	C' 03721 0
16,2120	I' 45014 0	C' 01072 0	C' 10653 0	I' 52001 1	C' 00001 0	C' 61716 0	C' 00024 1	C' 13714 1
16,2130	I' 44001 0	C' 00001 0	C' 03657 0	I' 51375 1	C' 03433 0	C' 03705 0	I' 77655 1	C' 03721 0
16,2140	C' 03460 0	I' 77646 0	C' 03654 0	I' 77776 1	05301 0	C' 10035 0	06006 1	I' 77775 1
16,2150	C' 03460 0	C' 03721 0	I' 77214 0	C' 01344 0	C' 03657 0	C' 03433 0	I' 41446 1	I' 41335 1
16,2160	C' 01354 1	C' 36011 1	I' 77621 1	I' 77440 1	C' 40021 0	31466 1	74675 0	10000 0
16,2170	34712 1	50000 1	31423 0	55652 0	06006 1	I' 51375 1	C' 03433 0	C' 03705 0
16,2200	I' 77656 1	I' 41441 0	C' 03460 0	I' 56244 0	C' 40013 1	C' 36005 1	I' 41215 1	C' 11454 1
16,2210	I' 70501 1	C' 00047 1	I' 60325 0	C' 00045 0	C' 00050 1	I' 77665 1	I' 53664 0	C' 00046 0
16,2220	C' 57607 1	I' 41405 0	C' 36003 1	I' 54335 0	C' 03016 0	C' 20817 0	I' 45421 1	C' 74347 1
16,2230	I' 77615 0	C' 01205 1	C' 17413 1	C' 03430 0	I' 50025 0	C' 36007 0	C' 40000 0	I' 74375 0
16,2240	C' 03705 0	C' 03703 0	I' 52352 1	C' 03433 0	I' 63256 0	C' 03460 0	I' 47256 0	I' 45121 1
16,2250	C' 01736 1	C' 47577 1	I' 77761 1	C' 03245 1	C' 03126 1	I' 77650 1	C' 03657 0	06006 1
16,2260	I' 71201 1	C' 00001 0	C' 11456 0	I' 77725 1	C' 34401 0	I' 71214 0	C' 03705 0	C' 34271 1
16,2270	C' 34403 1	I' 77606 1	I' 45014 0	C' 00675 0	C' 22002 0	I' 77776 1	05301 0	C' 05021 1
16,2300	C' 10000 0	06006 1	I' 77614 1	C' 01310 1	C' 34322 0	I' 52375 1	C' 03612 1	C' 03466 0
16,2310	I' 45325 1	C' 03474 0	C' 03476 1	I' 55261 1	C' 20222 1	C' 34375 1	I' 77761 1	I' 76451 0
16,2320	C' 01207 0	C' 03705 0	I' 57535 0	C' 03747 0	I' 77640 0	C' 34342 0	I' 53575 0	C' 01171 1
16,2330	I' 45345 1	C' 01205 1	C' 03450 0	I' 56205 0	C' 34377 0	C' 00043 0	I' 53361 0	C' 01215 0
16,2340	C' 03646 0	C' 03646 0	I' 77776 1	05301 0	C' 04021 0	06006 1	I' 77745 1	C' 03474 0
16,2350	C' 27476 1	C' 03612 1	C' 03466 0	I' 77414 0	C' 01270 0	44712 0	55746 1	05301 0
16,2360	C' 00001 0	15112 1	06006 1	I' 77775 1	C' 11456 0	C' 17351 0	C' 11456 0	C' 27347 1
16,2370	C' 03721 0	C' 03646 0	I' 77776 1	12355 1	C' 01440 0	C' 00000 1	C' 55340 0	C' 61710 0



OCTAL LISTING FOR PARAGRAPH J 111, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, "A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACA (CONSTANTS)

16,2400	C' 04000 0	C' 00000 1	C' 00707 1	C' 03434 1	06008 1	I' 43001 1	C' 00001 0	C' 01066 0
16,2410	I' 51575 1	C' 03721 0	I' 77776 1	34704 0	00008 1	06031 0	74704 1	00008 1
16,2420	12502 0	06008 1	I' 56325 0	C' 38027 1	C' 03076 0	I' 72414 0	C' 00700 0	C' 34430 1
16,2430	I' 77621 1	I' 56325 0	C' 38013 0	C' 03076 0	I' 50021 1	C' 00001 0	C' 34461 0	I' 41325 0
16,2440	C' 00111 0	C' 38023 0	I' 85221 0	C' 03076 0	C' 03727 0	I' 60405 0	C' 38025 0	I' 41471 0
16,2450	I' 51021 0	C' 00003 1	C' 34475 0	I' 55345 0	I' 43205 1	C' 38025 0	C' 38021 1	I' 77650 1
16,2460	C' 34466 1	I' 41345 0	C' 03076 0	I' 56215 1	C' 38015 0	C' 36017 1	I' 77778 1	07226 0
16,2470	30154 1	56001 0	34714 1	53430 0	02477 1	I' 77414 0	C' 01266 1	05301 0
16,2500	C' 00003 1	15112 1	06008 1	I' 77650 1	C' 34431 0	C' 01531 1	I' 43020 1	C' 00300 1
16,2510	C' 01463 1	I' 77745 1	C' 01048 1	C' 02607 1	I' 43175 0	C' 02026 1	C' 00462 1	C' 14001 0
16,2520	C' 02607 1	C' 34007 1	C' 55341 1	I' 77742 0	C' 16152 0	C' 02607 1	I' 77624 1	C' 26322 0
16,2530	I' 77624 1	C' 61338 0	I' 77776 1	32505 0	04555 0	C' 20624 0	04106 1	02541 0
16,2540	02533 0	06006 1	I' 77624 1	C' 61345 1	I' 45145 0	C' 02607 1	C' 26373 1	I' 53575 0
16,2550	C' 02152 0	C' 14307 0	C' 02607 1	C' 34041 0	C' 27022 1	I' 47375 0	C' 00001 0	C' 00007 0
16,2560	I' 53435 0	C' 00307 0	C' 00323 0	I' 53435 0	C' 00307 0	C' 34315 1	C' 00300 1	I' 41345 0
16,2570	C' 00737 1	C' 00747 0	I' 77676 0	I' 70525 1	C' 00741 0	I' 41325 0	C' 00745 1	C' 00747 0
16,2600	I' 76466 1	C' 02714 1	I' 41345 0	C' 00743 1	C' 00741 0	I' 77752 1	C' 00033 1	I' 77605 1
16,2610	C' 00737 1	I' 41325 0	C' 00751 1	C' 00745 1	I' 77625 0	I' 41325 0	C' 00743 1	C' 00747 0
16,2620	I' 77676 0	I' 41325 0	C' 00751 1	C' 00737 1	I' 41325 0	C' 00745 1	C' 00033 1	I' 55415 1
16,2630	I' 77772 0	C' 02730 1	I' 76435 1	C' 02714 1	C' 02722 1	I' 77616 0	I' 77620 0	C' 00300 1
16,2640	C' 34041 0	C' 27045 0	I' 77601 0	C' 00001 0	I' 57575 1	C' 00001 0	I' 77656 1	C' 24323 0
16,2650	C' 00007 0	I' 53435 0	C' 00001 0	C' 00315 0	I' 53435 0	C' 00323 0	C' 34307 1	C' 00300 1
16,2660	40102 0	74105 0	00006 1	63142 0	34731 0	05140 1	C' 02660 0	C' 34066 0
16,2670	30032 0	57672 0	57673 1	31450 1	00006 1	21672 1	55476 1	00006 1
16,2700	77705 0	55674 1	36214 0	05140 1	C' 03313 0	C' 34066 0	04633 0	C' 42404 1
16,2710	34676 1	00006 1	02011 0	10000 0	12720 1	34711 1	55661 0	12750 0
16,2720	11653 1	12725 1	12731 1	12723 1	12715 1	55663 1	31474 1	55662 0
16,2730	12741 0	04633 0	C' 13243 0	03145 1	41647 1	61474 1	55662 0	34374 0
16,2740	55663 1	25661 1	31662 1	55474 0	31663 0	55653 1	55444 0	25661 1
16,2750	11447 0	12755 0	12773 1	12761 1	12773 1	55707 1	34716 0	55661 0
16,2760	13122 1	31652 1	00006 1	62770 0	55446 1	34715 0	55661 0	13053 0
16,2770	34707 0	55661 0	13125 0	34676 1	00006 1	02011 0	10000 0	13001 1



OCTAL LISTING FOR PARAGRAPH J 112, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A'S DENOTES UNUSED FIXED MEMORY
ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED *ais* (INTERPRETIVE OPERATOR WORDS) OR *acs* (CONSTANTS)

16,3000	13142 1	40105 1	74874 1	28105 1	31486 1	74876 0	00006 1	13013 1
16,3010	34710 0	55881 0	13050 0	31420 0	00008 1	74708 0	22000 1	00008 1
16,3020	70000 0	22000 1	00008 1	71646 0	20001 1	20001 1	55702 1	25861 1
16,3030	37677 0	55835 1	31414 1	60000 1	60000 1	55644 1	31702 0	55646 0
16,3040	03154 1	11614 1	13047 0	13047 0	13047 0	34707 0	55864 0	25861 1
16,3050	31422 1	55446 1	25861 1	31486 1	74876 0	00008 1	13060 0	31446 0
16,3060	61446 0	55445 1	37716 0	55707 1	00008 1	31628 1	53704 1	41425 1
16,3070	61621 0	00008 1	71445 1	20001 1	20001 1	21704 1	00006 1	31630 0
16,3100	53708 0	41426 1	61623 1	00006 1	71445 1	20001 1	20001 1	21708 0
16,3110	25861 1	00008 1	31704 0	55425 1	53628 0	00008 1	31706 1	55426 1
16,3120	53630 1	25861 1	31707 0	55447 0	25861 1	11864 0	13131 0	13133 1
16,3130	13142 1	55710 1	13137 0	31412 1	55814 1	37716 0	55710 1	25861 1
16,3140	31710 0	55864 0	34714 1	55881 0	15213 0	31470 0	00006 1	73184 0
16,3150	20001 1	20001 1	20001 1	55850 1	31646 1	00008 1	71472 0	20001 1
16,3160	20001 1	20001 1	55851 0	00002 0	C' 33074 1	22016 0	00008 1	22012 1
16,3170	11661 0	13173 0	13177 1	34334 1	05140 1	C' 03271 0	C' 34066 0	47700 0
16,3200	71654 0	10000 0	13256 1	13205 1	13262 0	34703 1	64700 1	00006 1
16,3210	05012 1	33275 1	55312 1	33301 0	54030 0	15222 1	22016 0	34711 1
16,3220	00008 1	05012 1	33277 0	55312 1	37700 1	54030 0	15224 1	22016 0
16,3230	00006 1	22012 1	44714 0	61631 1	54054 1	44714 0	61632 1	54053 0
16,3240	34755 1	00006 1	05014 1	41654 0	00008 1	63250 0	04574 0	C' 36033 1
16,3250	11614 1	13266 1	13254 0	13266 1	04574 0	C' 36180 0	51654 1	33275 1
16,3260	04637 1	13205 1	00008 1	31426 0	53632 0	13205 1	34714 1	55614 1
16,3270	13254 0	51661 1	33301 0	50000 1	10000 0	C' 03216 1	C' 40561 1	C' 03227 0
16,3300	C' 41037 0	C' 37772 1	C' 02742 1	C' 02750 1	C' 03030 1	C' 03050 1	C' 03053 1	C' 03111 0
16,3310	C' 03122 0	C' 03125 1	C' 03140 1	31672 0	00008 1	21673 0	00008 1	74708 0
16,3320	22000 1	55533 1	31611 0	00008 1	13328 1	13334 1	31613 1	00008 1
16,3330	13334 1	34714 1	55613 0	15213 0	41533 1	00008 1	71650 1	00008 1
16,3340	71533 1	63727 0	55613 0	31533 0	00008 1	63350 1	34712 1	13351 1
16,3350	44712 0	55678 0	00008 1	71613 0	40001 1	61674 0	55877 1	00008 1
16,3360	63383 1	34371 0	13364 1	34674 0	55700 0	51700 1	01676 1	40000 0
16,3370	00008 1	63442 0	51700 1	01533 0	55701 1	63735 0	00006 1	63521 1



OCTAL LISTING FOR PARAGRAPH J 114, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" A DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED A1A (INTERPRETIVE OPERATOR WORDS) OR A2A (CONSTANTS)

17,2000	C' 00000 1	C' 00310 0	C' 77715 1	C' 77777 0	C' 17602 0	C' 25124 1	C' 00000 1	C' 00620 0
17,2010	C' 00040 0	C' 00000 1	C' 00001 0	C' 27221 0	C' 00000 1	C' 22244 0	C' 00570 0	C' 33235 0
17,2020	C' 00144 0	C' 00000 1	C' 01274 1	C' 00000 1	C' 00764 1	C' 00000 1	C' 00000 1	C' 04263 1
17,2030	22016 0	00006 1	22012 1	32205 1	10000 0	55447 0	34714 1	54001 1
17,2040	51447 1	53530 1	11447 0	12034 0	00008 1	32212 1	53313 0	34872 0
17,2050	54030 0	15222 1	22016 0	00006 1	22012 1	04833 0	C' 13207 0	30110 1
17,2060	00006 1	72206 0	55847 1	40000 0	61474 1	55862 0	31466 1	74675 0
17,2070	10000 0	34712 1	55447 0	51447 1	31418 0	55646 0	04833 0	C' 35145 1
17,2100	31420 0	54001 1	34711 1	51447 1	30000 1	55644 1	40000 0	64672 0
17,2110	64712 1	55835 1	44874 1	70105 1	54105 1	51447 1	31413 0	00006 1
17,2120	71644 1	22000 1	53845 0	51447 1	31423 0	55652 0	37716 0	55664 0
17,2130	34374 0	55653 1	55444 0	31421 1	54001 1	60000 1	22000 1	51447 1
17,2140	30000 1	67716 0	55447 0	31425 0	55825 0	55831 0	55621 1	31426 0
17,2150	55827 1	55832 0	55823 0	41501 0	74710 1	27501 0	04833 0	C' 42404 1
17,2160	34714 1	55854 0	30032 0	55872 1	34676 1	00006 1	02011 0	00006 1
17,2170	12173 1	31662 1	55474 0	34731 0	05140 1	C' 02860 0	C' 34066 0	00006 1
17,2200	32210 0	53313 0	31635 0	54030 0	15222 1	C' 00101 1	C' 03720 1	C' 03111 0
17,2210	C' 40066 0	C' 02052 1	C' 38066 1	00006 1	31584 1	20001 1	20001 1	53562 0
17,2220	31742 1	00006 1	71427 0	21562 0	31581 1	00006 1	71651 0	53745 1
17,2230	31562 1	00006 1	71651 0	22007 0	22000 1	21745 1	53745 1	20001 1
17,2240	20001 1	20001 1	20001 1	53745 1	04574 0	C' 40441 1	00006 1	31542 0
17,2250	53737 1	41561 0	00006 1	71436 0	21737 1	41562 0	00006 1	71436 0
17,2260	27737 1	54001 1	12264 1	27736 0	41561 0	00006 1	71437 1	27737 1
17,2270	54001 1	12273 1	27736 0	31742 1	00006 1	71430 0	21737 1	31742 1
17,2300	00006 1	71431 1	27737 1	54001 1	12306 1	27736 0	00006 1	31544 0
17,2310	53712 0	41561 0	00006 1	71440 1	21712 0	41562 0	00006 1	71440 1
17,2320	27712 0	54001 1	12324 1	27711 0	41561 0	00006 1	71441 0	27712 0
17,2330	54001 1	12333 1	27711 0	31742 1	00006 1	71432 1	21712 0	31742 1
17,2340	00006 1	71433 0	27712 0	54001 1	12346 0	27711 0	41561 0	00006 1
17,2350	71442 0	53714 0	41562 0	00006 1	71442 0	27714 0	54001 1	12361 0
17,2360	27713 1	41561 0	00006 1	71443 1	27714 0	54001 1	12370 0	27713 1
17,2370	31742 1	00006 1	71434 1	21714 0	31742 1	00006 1	71435 0	27714 0



OCTAL LISTING FOR PARAGRAPH J 115, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED #1A (INTERPRETIVE OPERATOR WORDS) OR #C# (CONSTANTS)

17,2400	54001 1	12403 0	27713 1	04574 0	C' 40528 1	00006 1	31610 1	20001 1
17,2410	20001 1	53606 1	31742 1	00006 1	71427 0	21606 1	31605 0	00006 1
17,2420	71651 0	53745 1	31606 0	00006 1	71651 0	22007 0	22000 1	21745 1
17,2430	53745 1	20001 1	20001 1	20001 1	20001 1	53745 1	04574 0	C' 40730 1
17,2440	00006 1	31566 0	53737 1	41605 1	00006 1	71436 0	21737 1	41606 1
17,2450	00006 1	71436 0	27737 1	54001 1	12456 0	27736 0	41605 1	00006 1
17,2460	71437 1	27737 1	54001 1	12465 0	27736 0	31742 1	00006 1	71430 0
17,2470	21737 1	31742 1	00006 1	71431 1	27737 1	54001 1	12500 1	27736 0
17,2500	00006 1	31570 1	53712 0	41605 1	00006 1	71440 1	21712 0	41606 1
17,2510	00006 1	71440 1	27712 0	54001 1	12516 0	27711 0	41605 1	00006 1
17,2520	71441 0	27712 0	54001 1	12525 0	27711 0	31742 1	00006 1	71432 1
17,2530	21712 0	31742 1	00006 1	71433 0	27712 0	54001 1	12540 0	27711 0
17,2540	41605 1	00006 1	71442 0	53714 0	41606 1	00006 1	71442 0	27714 0
17,2550	54001 1	12553 1	27713 1	41605 1	00006 1	71443 1	27714 0	54001 1
17,2560	12562 0	27713 1	31742 1	00006 1	71434 1	21714 0	31742 1	00006 1
17,2570	71435 0	27714 0	54001 1	12575 0	27713 1	04574 0	C' 41015 0	22016 0
17,2600	32661 1	61634 1	54030 0	12606 1	32662 1	54030 0	33340 0	54031 1
17,2610	34674 0	00006 1	05013 0	00006 1	22012 1	32660 0	00006 1	06031 0
17,2620	72660 1	00006 1	12663 1	55502 0	00006 1	74702 1	76214 1	55513 0
17,2630	55514 1	31502 1	00006 1	74704 1	76214 1	55515 0	31502 1	00006 1
17,2640	74706 0	76214 1	55516 0	31466 1	74675 0	00006 1	12651 0	46214 1
17,2650	12652 0	44711 0	55617 1	11631 0	55513 0	12667 0	55514 1	12667 0
17,2660	C' 07700 1	C' 37772 1	C' 37776 0	55513 0	55514 1	55515 0	55516 0	11562 0
17,2670	34712 1	12673 0	34711 1	55520 0	11626 0	12701 1	12711 0	12703 0
17,2700	12711 0	34334 1	12713 1	35656 1	12713 1	C' 00000 1	C' 00003 1	C' 00006 1
17,2710	C' 00000 1	51513 1	32705 1	61520 1	50000 1	32741 1	72760 0	55453 0
17,2720	00006 1	74704 1	55523 0	11563 1	34712 1	12727 0	34711 1	55521 1
17,2730	11627 1	12735 0	12762 1	12737 1	12762 1	34334 1	12764 1	35656 1
17,2740	12764 1	C' 00000 1	C' 05125 1	C' 05252 1	C' 00231 1	C' 02421 1	C' 02810 1	C' 00146 1
17,2750	C' 02504 1	C' 02442 1	C' 00000 1	C' 02421 1	C' 02442 1	C' 00000 1	C' 02504 1	C' 02610 1
17,2760	C' 01417 1	C' 06360 1	51514 0	32705 1	61521 0	50000 1	32741 1	72761 1
17,2770	55455 0	00006 1	74706 0	55524 1	11561 0	34712 1	13000 0	34711 1



OCAL LISTING FOR PARAGRAPH J 116, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" DENOTES UNUSED FIXED MEMORY
ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED A1A (INTERPRETIVE OPERATOR WORDS) OR ACB (CONSTANTS)

17,3000	55517 1	11630 1	13073 1	13073 1	13005 0	11626 0	13012 0	13022 0
17,3010	13014 0	13022 0	34334 1	13024 0	35656 1	13024 0	C' 00000 1	C' 00001 0
17,3020	C' 00002 0	C' 00000 1	51515 1	32705 1	61517 0	50000 1	33155 0	73174 1
17,3030	55451 1	31516 1	00006 1	63085 1	11627 1	36214 0	13040 1	36211 0
17,3040	51516 1	63016 0	50000 1	33176 1	73207 0	61451 0	55502 0	00006 1
17,3050	74704 1	66061 0	55522 1	00008 1	13080 0	31502 1	55451 1	13321 0
17,3060	11561 0	13085 0	13055 0	13085 0	13055 0	31451 0	00008 1	74704 1
17,3070	67715 0	55522 1	13321 0	11627 1	13100 1	13104 0	13102 0	13104 0
17,3100	34334 1	13106 1	35656 1	13106 1	51516 1	32705 1	61517 0	50000 1
17,3110	33155 0	73175 0	55451 1	31515 1	00008 1	13147 1	11626 0	36214 0
17,3120	13122 1	36211 0	51515 1	63016 0	50000 1	33176 1	73210 0	61451 0
17,3130	55502 0	00006 1	74707 1	66061 0	55522 1	00006 1	13142 1	31502 1
17,3140	55451 1	13321 0	11561 0	13147 1	13137 0	13147 1	13137 0	31451 0
17,3150	00008 1	74707 1	67715 0	55522 1	13321 0	C' 11000 1	C' 22125 1	C' 00252 1
17,3160	C' 11231 1	C' 15421 1	C' 04610 1	C' 11146 1	C' 15504 1	C' 04442 1	C' 11000 1	C' 15504 1
17,3170	C' 04610 1	C' 11000 1	C' 15421 1	C' 04442 1	C' 03780 0	C' 34017 0	C' 11000 1	C' 11231 1
17,3200	C' 11146 1	C' 11000 1	C' 04610 1	C' 15504 1	C' 11000 1	C' 15421 1	C' 04442 1	C' 03417 0
17,3210	C' 34360 0	11562 0	13221 1	13215 0	13217 1	55550 1	13417 1	41523 0
17,3220	55523 0	31562 1	00006 1	51523 1	73400 1	55481 1	63333 1	00008 1
17,3230	63241 0	51523 1	33334 0	55550 1	40000 0	27562 0	33335 1	55481 1
17,3240	13404 0	41461 1	63340 0	00006 1	63247 0	33340 0	55481 1	31461 0
17,3250	00006 1	71523 0	23550 0	55562 0	13404 0	11563 1	13265 1	13261 0
17,3260	13263 1	55551 0	13563 0	41524 1	55524 1	31563 0	00006 1	51524 0
17,3270	73400 1	55483 0	63333 1	00006 1	63305 1	51524 0	33334 0	55551 0
17,3300	40000 0	27563 1	33335 1	55483 0	13550 0	41463 0	63340 0	00006 1
17,3310	63313 0	33340 0	55483 0	31463 1	00008 1	71524 1	23551 1	55563 1
17,3320	13550 0	11561 0	13341 0	13325 1	13341 0	51522 0	33334 0	55547 1
17,3330	13543 1	C' 77037 0	C' 77277 0	C' 77537 0	C' 00000 1	C' 00240 1	C' 00500 1	C' 00740 1
17,3340	C' 00027 1	31561 1	00006 1	51522 0	73400 1	55457 1	63333 1	00006 1
17,3350	63361 0	51522 0	33334 0	55547 1	40000 0	27561 0	33335 1	55457 1
17,3360	13424 1	41457 1	63340 0	00006 1	63367 0	33340 0	55457 1	31457 0
17,3370	00006 1	71522 1	23547 0	55561 0	13424 1	C' 65252 1	C' 57777 1	C' 40000 0

OCTAL LISTING FOR PARAGRAPH J 120, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, "A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACA (CONSTANTS)

20,2000	I' 77214 0	C' 01066 0	C' 15332 1	C' 03126 1	I' 77776 1	34872 0	55447 0	06006 1
20,2010	I' 52014 0	C' 01264 0	C' 03857 0	I' 77776 1	05537 0	C' 01407 0	06006 1	I' 77650 1
20,2020	C' 03857 0	I' 77214 0	C' 00711 0	C' 03857 0	C' 15332 1	C' 03126 1	I' 77776 1	44714 0
20,2030	55653 1	55663 1	55652 0	55145 1	06006 1	I' 52014 0	C' 01264 0	C' 03857 0
20,2040	40102 0	74105 0	00006 1	62045 1	15213 0	44712 0	55445 1	34712 1
20,2050	55447 0	44714 0	55303 1	44711 0	00006 1	03012 1	32143 0	00006 1
20,2060	05012 1	05156 0	C' 00006 1	34711 1	00006 1	05012 1	05156 0	C' 00002 0
20,2070	11447 0	12131 1	31445 0	55447 0	00006 1	62127 1	44714 0	55447 0
20,2100	32145 0	02114 1	32144 1	02114 1	32145 0	02114 1	41447 0	10000 0
20,2110	12127 0	44712 0	55447 0	12100 0	00006 1	23146 0	51447 1	54054 1
20,2120	51447 1	34700 1	00006 1	05014 1	05156 0	C' 00310 0	01146 0	05156 0
20,2130	C' 00620 0	44714 0	61425 0	54054 1	44714 0	61426 0	54053 0	34755 1
20,2140	00006 1	05014 1	15213 0	C' 02200 1	C' 77527 1	C' 00124 0	31466 1	76214 1
20,2150	60000 1	55130 0	00004 0	31466 1	74371 1	67705 1	00006 1	12164 1
20,2160	44711 0	70103 1	54103 1	12167 1	40103 1	74711 0	26103 1	00003 1
20,2170	31466 1	74707 1	00006 1	62175 0	32275 0	62276 0	55655 1	31466 1
20,2200	74704 1	00006 1	62204 0	34712 1	55631 0	31466 1	74701 1	00006 1
20,2210	62212 1	44712 0	27631 0	00004 0	00006 1	12222 0	40075 1	74674 1
20,2220	26075 1	12225 1	44674 1	70075 1	54075 1	00003 1	31467 0	74676 0
20,2230	00006 1	62233 1	12234 1	44712 0	40000 0	55630 1	31467 0	74701 1
20,2240	10000 0	12245 1	34712 1	55626 0	12255 0	34714 1	55626 0	31467 0
20,2250	74707 1	10000 0	12255 0	44712 0	55626 0	31467 0	74704 1	10000 0
20,2260	12264 1	34712 1	55627 1	00002 0	34714 1	55627 1	31467 0	74712 0
20,2270	10000 0	00002 0	44712 0	55627 1	00002 0	C' 00631 0	C' 00056 1	31470 0
20,2300	00006 1	72324 1	55623 0	31471 1	00006 1	72324 1	55624 1	55625 0
20,2310	00006 1	32326 1	00006 1	11470 1	55620 0	00006 1	32326 1	00006 1
20,2320	11471 0	55621 1	55622 1	00002 0	C' 25137 0	C' 00023 0	C' 12522 1	22016 0
20,2330	00006 1	22012 1	33420 1	55312 1	31635 0	54030 0	11614 1	03506 1
20,2340	12342 1	03506 1	30033 1	57655 0	00006 1	21655 1	02547 0	55657 0
20,2350	30034 0	57656 0	00006 1	21656 1	02547 0	55660 1	00006 1	31616 1
20,2360	53743 1	00006 1	31530 0	21743 1	40746 0	00006 1	70750 1	20001 1
20,2370	00006 1	71657 0	20001 1	53538 1	41660 1	00006 1	70742 1	20001 1



OCTAL LISTING FOR PARAGRAPH J 121, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACA (CONSTANTS)

20,2400	21536 1	00006 1	41536 1	21743 1	03126 1	31466 1	74675 0	10000 0
20,2410	12413 1	04574 0	C' 38213 1	00006 1	41544 1	53745 1	31742 1	61541 0
20,2420	00006 1	74727 0	21745 1	31542 0	00006 1	74727 0	27745 1	54001 1
20,2430	12432 1	27744 0	00006 1	31745 0	20001 1	20001 1	20001 1	53727 0
20,2440	03141 0	00006 1	41745 1	53745 1	00006 1	31626 1	21745 1	31745 0
20,2450	60000 1	54001 1	34714 1	61744 1	03161 1	41631 0	61744 1	26054 1
20,2460	34700 1	00006 1	05014 1	31466 1	74675 0	10000 0	12471 0	04574 0
20,2470	C' 36246 1	31742 1	60000 1	55717 0	00006 1	31546 1	53721 0	00006 1
20,2500	31550 0	53723 1	00006 1	31552 1	53725 1	03173 1	00006 1	31554 1
20,2510	53731 1	00006 1	31556 0	53733 0	00006 1	31560 0	53735 0	00006 1
20,2520	31562 1	53737 1	00006 1	31564 1	53741 0	03233 0	31744 1	00006 1
20,2530	73421 1	53716 1	31621 0	00006 1	73422 1	21716 1	31622 0	00006 1
20,2540	73422 1	27716 1	54001 1	12545 0	27715 1	02560 0	15222 1	55744 0
20,2550	00006 1	73415 0	00006 1	12556 1	34714 1	55744 0	31744 1	00002 0
20,2560	25654 1	00006 1	31720 0	53546 0	00006 1	31722 1	53550 1	00006 1
20,2570	31724 1	53552 0	00006 1	31727 1	53554 0	00006 1	31731 0	53556 1
20,2600	00006 1	31733 1	53560 1	00006 1	31735 1	53562 0	00006 1	31737 0
20,2610	53564 0	00006 1	31743 0	55477 0	53616 0	00006 1	31712 1	53542 1
20,2620	00006 1	31714 1	53544 1	31744 1	55631 0	00006 1	31716 0	53622 1
20,2630	25654 1	00002 0	22016 0	00006 1	22012 1	33416 1	55312 1	31635 0
20,2640	54030 0	11614 1	03506 1	12645 0	03506 1	00006 1	31620 1	53743 1
20,2650	00006 1	31532 1	21743 1	30746 1	00006 1	70742 1	20001 1	00006 1
20,2660	71657 0	20001 1	53540 0	41660 1	00006 1	70750 1	20001 1	21540 0
20,2670	00006 1	41540 0	21743 1	03126 1	31466 1	74675 0	10000 0	12702 1
20,2700	04574 0	C' 36405 0	00006 1	41570 0	53745 1	31742 1	61565 0	00006 1
20,2710	74727 0	21745 1	31566 0	00006 1	74727 0	27745 1	54001 1	12721 0
20,2720	27744 0	00006 1	31745 0	20001 1	20001 1	20001 1	53727 0	03141 0
20,2730	00006 1	41745 1	53745 1	00006 1	31630 0	21745 1	31745 0	60000 1
20,2740	54001 1	34714 1	61744 1	03161 1	41632 0	61744 1	26053 0	34677 0
20,2750	00006 1	05014 1	31466 1	74675 0	10000 0	12760 0	04574 0	C' 36440 1
20,2760	31742 1	60000 1	55717 0	00006 1	31572 0	53721 0	00006 1	31574 0
20,2770	53723 1	00006 1	31576 1	53725 1	03173 1	00006 1	31600 0	53731 1



OCTAL LISTING FOR PARAGRAPH J 122, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A "A" DENOTES UNUSED FIXED MEMORY
ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACA (CONSTANTS)

20,3000	00006 1	31602 1	53733 0	00006 1	31604 1	53735 0	00006 1	31606 0
20,3010	53737 1	00006 1	31610 1	53741 0	03233 0	31744 1	00006 1	73421 1
20,3020	53716 1	31623 1	00006 1	73422 1	21716 1	31624 0	00006 1	73422 1
20,3030	27716 1	54001 1	13034 1	27715 1	03036 1	15222 1	25654 1	00006 1
20,3040	31720 0	53572 1	00006 1	31722 1	53574 1	00006 1	31724 1	53576 0
20,3050	00006 1	31727 1	53800 1	00006 1	31731 0	53802 0	00006 1	31733 1
20,3060	53804 0	00006 1	31735 1	53808 1	00006 1	31737 0	53810 0	00006 1
20,3070	31743 0	55500 1	53820 0	00006 1	31712 1	53566 1	00006 1	31714 1
20,3100	53570 0	31744 1	55632 0	00006 1	31716 0	53624 1	34714 1	55654 0
20,3110	00002 0	22018 0	37716 0	61635 0	64674 0	61635 0	54030 0	33416 1
20,3120	55312 1	30033 1	55655 1	30034 0	55656 1	15224 1	31742 1	00006 1
20,3130	74710 1	00006 1	13140 0	11742 0	34676 1	13137 0	44676 0	55742 0
20,3140	00002 0	31744 1	00006 1	71651 0	53745 1	22000 1	00006 1	71651 0
20,3150	27745 1	54001 1	13154 0	27744 0	53745 1	20001 1	20001 1	53745 1
20,3160	00002 0	00006 1	73414 1	00006 1	13172 1	11744 0	33413 1	13171 1
20,3170	43413 0	55744 0	00002 0	31717 1	00006 1	73423 0	53712 0	31720 0
20,3200	00006 1	73424 1	21712 0	31721 1	00006 1	73425 0	21712 0	31722 1
20,3210	00006 1	73426 0	21712 0	31723 0	00006 1	73427 1	21712 0	31724 1
20,3220	00006 1	73430 1	21712 0	31725 0	00006 1	73431 0	21712 0	53712 0
20,3230	20001 1	53712 0	00002 0	31726 0	00006 1	73432 0	53714 0	31726 0
20,3240	00006 1	73433 1	27714 0	54001 1	13246 0	27713 1	31727 1	00006 1
20,3250	73432 0	27714 0	54001 1	13255 1	27713 1	31730 1	00006 1	73434 0
20,3260	21714 0	31730 1	00006 1	73435 1	27714 0	54001 1	13270 0	27713 1
20,3270	31731 0	00006 1	73434 0	27714 0	54001 1	13277 1	27713 1	31732 0
20,3300	00006 1	73436 1	21714 0	31732 0	00006 1	73437 0	27714 0	54001 1
20,3310	13312 0	27713 1	31733 1	00006 1	73436 1	27714 0	54001 1	13321 0
20,3320	27713 1	31734 0	00006 1	73440 0	21714 0	31734 0	00006 1	73441 1
20,3330	27714 0	54001 1	13334 1	27713 1	31735 1	00006 1	73440 0	27714 0
20,3340	54001 1	13343 1	27713 1	31736 1	00006 1	73442 1	21714 0	31736 1
20,3350	00006 1	73443 0	27714 0	54001 1	13356 0	27713 1	31737 0	00006 1
20,3360	73442 1	27714 0	54001 1	13365 0	27713 1	31740 0	00006 1	73444 1
20,3370	21714 0	31740 0	00006 1	73445 0	27714 0	54001 1	13400 1	27713 1

OCTAL LISTING FOR PARAGRAPH § 123, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" A DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED Δ (INTERPRETIVE OPERATOR WORDS) OR ΔC (CONSTANTS)

[illegible]



OCTAL LISTING FOR PARAGRAPH J 124, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" A DENOTES UNUSED FIXED MEMORY
ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACB (CONSTANTS)

21,2000	22016 0	00006 1	22012 1	02010 1	15222 1	C' 02106 1	C' 42106 0	C' 37704 0
21,2010	32007 1	54030 0	55465 0	41501 0	74710 1	27501 0	00006 1	32006 0
21,2020	53313 0	44105 0	70102 0	64675 1	54102 0	00002 0	55512 1	00006 1
21,2030	71511 1	55511 1	34714 1	57510 1	00006 1	71512 1	21511 1	00002 0
21,2040	21511 1	00006 1	12057 0	11510 0	12060 1	12047 1	12062 0	11511 1
21,2050	12065 1	12053 1	40000 0	64672 0	55511 1	34672 0	55510 0	00002 0
21,2060	64674 0	12056 1	40000 0	64672 0	12056 1	64674 0	55511 1	34674 0
21,2070	12056 1	22016 0	31465 1	00006 1	62076 1	12106 0	44712 0	55465 0
21,2100	00006 1	32105 1	53313 0	12107 1	C' 02106 1	C' 42066 1	22016 0	00006 1
21,2110	22012 1	34674 0	00006 1	02031 1	00006 1	12144 0	41501 0	74675 0
21,2120	27501 0	34672 0	55332 0	34714 1	55567 0	55570 0	55571 1	34675 1
21,2130	00006 1	02031 1	00006 1	12144 0	55465 0	37676 1	54030 0	02616 1
21,2140	12334 0	C' 37770 0	C' 37776 0	C' 37634 1	11465 0	12530 1	12645 0	12532 0
21,2150	55465 0	30030 1	55634 0	32142 1	54030 0	41321 1	74705 0	10000 0
21,2160	12174 0	41501 0	74675 0	27501 0	34675 1	55332 0	00006 1	02031 1
21,2170	00006 1	12403 0	12520 0	C' 00030 1	31501 1	74675 0	00006 1	12201 1
21,2200	12334 0	34711 1	55506 1	60000 1	55507 0	51507 1	41552 0	00006 1
21,2210	51617 0	73063 0	51507 1	21553 1	00006 1	51507 1	41534 0	53511 1
21,2220	34676 1	02026 1	53511 1	51507 1	21553 1	11506 1	12202 1	30032 0
21,2230	57635 0	00006 1	21635 1	40000 0	22007 0	53516 0	30033 1	57636 0
21,2240	00006 1	21636 1	40000 0	55502 0	00006 1	71640 0	21516 0	31641 0
21,2250	00006 1	71502 0	53520 0	31643 1	00006 1	71502 0	53522 1	30034 0
21,2260	57637 1	00006 1	21637 0	40000 0	55502 0	00006 1	71642 1	21520 0
21,2270	31644 0	00006 1	71502 0	21522 1	34711 1	55506 1	60000 1	55507 0
21,2300	00006 1	51507 1	31516 1	51507 1	21553 1	00006 1	51507 1	31516 1
21,2310	51507 1	21542 1	51507 1	31552 1	60000 1	60000 1	00006 1	51617 0
21,2320	73101 0	51507 1	21534 0	51506 0	31620 1	00006 1	51506 0	71547 1
21,2330	51507 1	21534 0	11506 1	12275 1	31560 0	74721 0	10000 0	12345 0
21,2340	37671 0	05027 1	C' 03444 0	C' 44066 1	34334 1	55560 1	41332 0	00006 1
21,2350	62375 1	34711 1	55506 1	60000 1	55507 0	00006 1	50000 1	31647 0
21,2360	53511 1	00006 1	51507 1	31576 1	02040 1	00006 1	31511 0	51506 0
21,2370	55572 1	51507 1	53647 1	11506 1	12352 0	41501 0	74707 1	00006 1

OCTAL LISTING FOR PARAGRAPH J 125, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" A DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED A1A (INTERPRETIVE OPERATOR WORDS) OR ACB (CONSTANTS)

21,2400	13144 1	27501 0	02404 0	15222 1	34707 0	00006 1	02012 0	00006 1
21,2410	12415 1	41501 0	74710 1	27501 0	00002 0	31501 1	76211 1	00006 1
21,2420	12455 0	74710 1	00006 1	12446 1	44705 0	00006 1	03012 1	44714 0
21,2430	55476 1	55477 0	55500 1	55503 1	55504 0	55505 1	54050 0	54051 1
21,2440	54052 1	46211 1	71501 0	64711 1	55501 0	00002 0	34705 1	00006 1
21,2450	05012 1	46211 1	71501 0	55501 0	00002 0	34705 1	00006 1	02012 0
21,2460	00006 1	12411 0	34711 1	55506 1	44676 0	00006 1	51506 0	71476 1
21,2470	54001 1	10000 0	32526 1	12475 1	42526 0	60001 0	55502 0	12503 1
21,2500	50000 1	32526 1	54001 1	51506 0	41503 1	60001 0	51506 0	26050 0
21,2510	51506 0	23503 0	11506 1	12463 0	37707 0	00006 1	05014 1	00002 0
21,2520	32524 0	54030 0	55465 0	15222 1	C' 37754 0	C' 77177 0	C' 37200 1	C' 00600 1
21,2530	34712 1	55332 0	04633 0	C' 40146 0	04633 0	C' 40277 1	32607 1	55506 1
21,2540	34714 1	51506 0	55525 0	11506 1	12537 0	02616 1	44714 0	55633 1
21,2550	55632 0	32610 1	55654 0	34710 0	55634 0	34717 1	55617 1	30032 0
21,2560	55635 1	30033 1	55636 1	30034 0	55637 0	34714 1	55465 0	41321 1
21,2570	74705 0	10000 0	12576 0	55617 1	32612 0	12603 1	37671 0	05027 1
21,2600	C' 03444 0	C' 44086 1	32611 0	55501 0	32613 1	54030 0	05222 0	C' 00044 1
21,2610	C' 07534 1	C' 00004 0	C' 20004 1	C' 37772 1	C' 03844 1	C' 36066 1	34717 1	55506 1
21,2620	34714 1	51506 0	55451 1	11506 1	12617 1	34710 0	55462 1	34717 1
21,2630	55464 1	44712 0	71501 0	55501 0	00006 1	32615 1	53311 1	33034 0
21,2640	54031 1	34674 0	00006 1	05013 0	00002 0	11617 1	13132 0	12651 0
21,2650	12651 0	32142 1	56030 1	27634 0	31501 1	74674 1	00006 1	12661 0
21,2660	44712 0	55617 1	43016 1	71501 0	55501 0	00006 1	00031 0	54001 1
21,2670	31632 1	00006 1	06001 0	73022 0	00006 1	62710 0	22000 1	55632 0
21,2700	30001 0	00006 1	74706 0	30001 0	27501 0	41501 0	73023 1	27501 0
21,2710	41632 0	73022 0	00006 1	63234 1	55332 0	03114 0	40075 1	74675 0
21,2720	26075 1	34675 1	00006 1	02031 1	00006 1	63035 1	31501 1	74675 0
21,2730	10000 0	12520 0	44715 1	61130 1	00006 1	62740 0	44712 0	55617 1
21,2740	34711 1	55506 1	60000 1	55507 0	51506 0	31656 0	00006 1	12771 0
21,2750	61130 1	54002 1	50002 0	33023 0	00006 1	74702 1	51507 1	53526 0
21,2760	31501 1	73023 1	00006 1	13001 1	34714 1	22007 0	51507 1	53542 1
21,2770	13007 1	22007 0	51507 1	53526 0	31501 1	73023 1	00006 1	13007 1

OCAL LISTING FOR PARAGRAPH J 126, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED A1A (INTERPRETIVE OPERATOR WORDS) OR ACB (CONSTANTS)

21,3000	12764 1	50002 0	43023 1	00008 1	74704 1	51507 1	21542 1	51507 1
21,3010	31541 0	51506 0	55567 0	11508 1	12741 0	13425 0	C' 01760 1	C' 01400 1
21,3020	C' 00060 1	C' 00300 1	C' 00077 1	C' 16000 0	C' 00165 0	C' 77612 1	C' 00722 0	C' 77055 1
21,3030	C' 02215 0	C' 75562 1	C' 22151 1	C' 55626 0	C' 00027 1	51656 0	33047 1	55561 0
21,3040	51657 1	33047 1	55562 0	51660 0	33047 1	55563 1	13053 0	C' 00000 1
21,3050	C' 00740 1	C' 77037 0	C' 00000 1	34714 1	55567 0	55570 0	55571 1	13743 0
21,3060	C' 06804 0	C' 32703 1	C' 06804 0	C' 02031 1	C' 12132 1	C' 13030 0	C' 14047 1	C' 15241 1
21,3070	C' 16850 0	C' 20555 0	C' 23065 0	C' 26137 0	C' 32053 0	C' 35712 0	C' 00435 0	C' 13412 1
21,3100	C' 00435 0	C' 00032 0	C' 01350 0	C' 01575 1	C' 02103 1	C' 02523 1	C' 03327 1	C' 04432 0
21,3110	C' 06264 1	C' 11351 0	C' 17324 1	C' 33622 1	55502 0	76214 1	55657 0	31502 1
21,3120	00008 1	74676 0	55502 0	76214 1	55660 1	31502 1	00006 1	74676 0
21,3130	55656 1	00002 0	55617 1	32141 1	61634 1	54030 0	13141 1	32142 1
21,3140	54030 0	44714 0	55465 0	15222 1	44707 1	71501 0	55501 0	40074 0
21,3150	74702 1	00006 1	13161 0	00006 1	41570 0	53477 0	41571 1	55500 1
21,3160	15222 1	30105 0	74705 0	00006 1	13227 1	00006 1	31157 0	53514 1
21,3170	31155 1	00006 1	20032 1	55476 1	31513 1	00006 1	20033 0	55502 0
21,3200	00008 1	71640 0	27476 1	31502 1	00006 1	71641 1	55477 0	31502 1
21,3210	00006 1	71643 0	55500 1	31514 0	00006 1	20034 1	55502 0	00006 1
21,3220	71642 1	27477 0	31502 1	00006 1	71644 1	27500 1	15222 1	00006 1
21,3230	31335 0	53514 1	31333 0	13171 1	00006 1	00031 0	74675 0	00006 1
21,3240	63256 0	31501 1	74675 0	10000 0	12520 0	00006 1	00031 0	74676 0
21,3250	00006 1	63356 1	31332 1	00006 1	63306 1	13362 1	34712 1	55332 0
21,3260	00006 1	00032 0	54001 1	40000 0	73022 0	71633 1	23633 0	03114 0
21,3270	51656 0	33302 0	55561 0	51657 1	33302 0	55562 0	51660 0	33302 0
21,3300	55563 1	13053 0	C' 00000 1	C' 00027 1	C' 77750 0	C' 00000 1	30032 0	00006 1
21,3310	21572 1	55567 0	30033 1	00006 1	21573 0	55502 0	00006 1	71640 0
21,3320	27567 0	31502 1	00006 1	71641 1	55570 0	31502 1	00006 1	71643 0
21,3330	55571 1	30034 0	00006 1	21574 1	55502 0	00006 1	71642 1	27570 0
21,3340	31502 1	00006 1	71644 1	27571 1	41332 0	00006 1	63425 1	31564 1
21,3350	27567 0	31565 0	27570 0	31566 0	27571 1	13425 0	11332 0	13362 1
21,3360	13306 0	13362 1	34714 1	55525 0	55526 0	55527 1	55530 1	55531 0
21,3370	55532 0	55564 0	55565 1	55566 1	31501 1	73023 1	00006 1	13405 1



OCTAL LISTING FOR PARAGRAPH J 130, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, "A" DENOTES UNUSED FIXED MEMORY
ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED *I* (INTERPRETIVE OPERATOR WORDS) OR *C* (CONSTANTS)

22,2000	06006 1	I' 77634 0	C' 44376 0	C' 03282 1	I' 72384 0	C' 03320 0	C' 03262 1	I' 77624 1
22,2010	C' 44405 0	I' 72384 0	C' 03425 1	C' 01156 1	I' 77624 1	C' 44405 0	I' 45160 1	C' 03320 0
22,2020	C' 44334 0	I' 77775 1	I' 77626 0	C' 50474 0	I' 77626 0	C' 50502 0	I' 77626 0	C' 74510 0
22,2030	I' 75160 1	C' 03266 0	C' 03425 1	I' 77624 1	C' 44304 0	I' 45575 1	C' 50335 1	I' 77626 0
22,2040	C' 50343 0	I' 77626 0	C' 74351 0	I' 45001 1	C' 00023 0	C' 44343 0	I' 45575 1	C' 50474 0
22,2050	I' 77626 0	C' 50502 0	I' 77626 0	C' 74510 0	I' 45345 1	C' 03271 0	C' 03430 0	I' 45325 1
22,2060	C' 03432 1	C' 03273 1	I' 45325 1	C' 03301 0	C' 03440 1	I' 77666 1	C' 03311 1	I' 43345 1
22,2070	C' 03428 1	C' 03446 1	I' 43225 0	C' 15322 0	C' 03438 0	C' 03317 1	I' 77726 1	C' 03365 1
22,2100	I' 51025 1	C' 04387 1	C' 44111 0	I' 77776 1	00004 0	44712 0	55332 0	03301 0
22,2110	12727 0	I' 45345 1	C' 03365 1	C' 04370 1	I' 77244 0	C' 44123 1	C' 03311 1	I' 77656 1
22,2120	C' 03343 0	I' 77850 1	C' 44736 0	I' 53375 0	C' 03426 1	C' 03267 1	I' 77762 1	C' 27267 1
22,2130	C' 03434 1	I' 74455 0	C' 03275 1	C' 27275 1	C' 03442 0	I' 74455 0	C' 03303 1	C' 03303 1
22,2140	I' 70545 1	C' 03317 1	I' 45325 1	C' 15330 0	C' 03317 1	I' 65204 1	C' 45707 0	C' 03307 0
22,2150	I' 56225 1	C' 00001 0	C' 00003 1	I' 65366 1	C' 03277 0	I' 56225 1	C' 00001 0	C' 00003 1
22,2160	I' 65366 1	C' 03267 1	I' 56225 1	C' 00001 0	C' 00003 1	I' 55566 1	I' 77656 1	C' 03343 0
22,2170	I' 45345 1	C' 03343 0	C' 03345 0	I' 71240 1	C' 44203 0	C' 03343 0	I' 50025 0	C' 03347 1
22,2200	C' 44260 0	I' 77650 1	C' 44234 1	I' 45345 1	C' 03345 0	C' 03347 1	I' 77640 0	C' 44260 0
22,2210	I' 51145 0	C' 03313 0	C' 44216 1	I' 57575 1	C' 03343 0	C' 03343 0	I' 51145 0	C' 03271 0
22,2220	C' 44224 0	I' 57545 1	C' 03343 0	C' 03343 0	I' 51145 0	C' 03301 0	C' 44736 0	I' 57545 1
22,2230	C' 03347 1	C' 03347 1	I' 77650 1	C' 44736 0	I' 51145 0	C' 03311 1	C' 44242 0	I' 57575 1
22,2240	C' 03343 0	C' 03343 0	I' 51145 0	C' 03271 0	C' 44250 0	I' 57545 1	C' 03345 0	C' 03345 0
22,2250	I' 51145 0	C' 03273 1	C' 44736 0	I' 57545 1	C' 03347 1	C' 03347 1	I' 77650 1	C' 44736 0
22,2260	I' 51145 0	C' 03315 0	C' 44260 0	I' 57575 1	C' 03343 0	C' 03343 0	I' 51145 0	C' 03273 1
22,2270	C' 44274 0	I' 57545 1	C' 03343 0	C' 03343 0	I' 51145 0	C' 03301 0	C' 44736 0	I' 57545 1
22,2300	C' 03345 0	C' 03345 0	I' 77650 1	C' 44736 0	I' 77601 0	C' 00001 0	I' 64743 0	C' 77762 1
22,2310	C' 77770 1	I' 55523 0	C' 77776 1	I' 64717 1	C' 00001 0	C' 77760 0	I' 64723 0	C' 77766 0
22,2320	C' 77774 0	I' 63666 1	C' 00001 0	I' 64723 0	C' 77756 0	C' 77764 1	I' 55523 0	C' 77772 0
22,2330	I' 41517 1	C' 00001 0	I' 77650 1	C' 44343 0	I' 76601 1	C' 00001 0	C' 00001 0	I' 62713 0
22,2340	C' 00007 0	C' 00015 0	I' 77606 1	I' 65345 0	C' 00003 1	C' 00007 0	C' 14003 1	I' 77626 0
22,2350	C' 63770 1	C' 00005 1	I' 77725 1	C' 00015 0	C' 14005 1	I' 77626 0	C' 63762 1	C' 00013 0
22,2360	I' 77725 1	C' 00017 1	C' 14013 0	I' 77626 0	C' 77760 0	I' 77616 0	C' 00013 0	C' 17071 1
22,2370	C' 15667 1	C' 33555 1	C' 67777 1	C' 04000 0	C' 00217 0	C' 17773 1	00004 0	30034 0



OCTAL LISTING FOR PARAGRAPH J 131, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A'S DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED A's (INTERPRETIVE OPERATOR WORDS) OR AC's (CONSTANTS)

22,2400	54156 1	00006 1	30033 1	00003 1	16445 0	I' 66370 0	C' 00003 1	C' 00051 0
22,2410	C' 00001 0	C' 00010 0	I' 77801 0	C' 00001 0	I' 47133 0	C' 00013 0	C' 45510 1	C' 00013 0
22,2420	I' 65356 1	C' 00013 0	I' 41546 0	I' 71300 1	C' 44414 0	C' 00007 0	I' 72405 0	C' 00013 0
22,2430	C' 10001 1	I' 77745 1	C' 00005 1	I' 65205 0	C' 00001 0	C' 00007 0	I' 41205 0	C' 00011 1
22,2440	C' 00003 1	I' 44352 0	C' 00015 0	I' 77752 1	C' 10003 0	I' 77745 1	C' 00003 1	I' 65205 0
22,2450	C' 00005 1	C' 00007 0	I' 41205 0	C' 00011 1	C' 00001 0	I' 77752 1	I' 72415 1	C' 00017 1
22,2460	C' 10005 0	I' 77745 1	C' 00011 1	C' 10007 1	I' 77745 1	C' 00013 0	I' 72405 0	C' 00003 1
22,2470	C' 10011 0	I' 77745 1	C' 00013 0	I' 57405 1	C' 00001 0	I' 77752 1	C' 10013 1	I' 77745 1
22,2500	C' 00005 1	I' 57405 1	C' 00013 0	I' 77752 1	C' 10015 1	I' 77745 1	I' 72405 0	C' 00011 1
22,2510	I' 41325 0	C' 00007 0	C' 00001 0	I' 72415 1	I' 77626 0	C' 67760 1	I' 77745 1	I' 72405 0
22,2520	C' 00011 1	I' 41325 0	C' 00007 0	C' 00003 1	I' 72425 1	I' 77626 0	C' 67756 1	I' 77616 0
22,2530	I' 41401 1	C' 00001 0	I' 65356 1	I' 41546 0	I' 65302 0	I' 41021 1	C' 15330 0	C' 45707 0
22,2540	I' 77725 1	C' 03343 0	I' 41316 0	C' 00005 1	I' 52415 0	C' 00003 1	I' 77604 0	C' 45707 0
22,2550	C' 17426 1	C' 03345 0	I' 41316 0	C' 00005 1	I' 52415 0	C' 00003 1	I' 77604 0	C' 45707 0
22,2560	C' 17436 0	C' 03347 1	I' 41316 0	C' 00005 1	I' 52415 0	C' 00003 1	I' 77604 0	C' 45707 0
22,2570	C' 03446 1	I' 41345 0	C' 03343 0	C' 03345 0	I' 72405 0	C' 00005 1	I' 41325 0	C' 03347 1
22,2600	C' 00001 0	I' 43206 1	C' 00007 0	I' 41112 0	C' 45707 0	C' 17434 1	I' 62421 1	I' 77604 0
22,2610	C' 45707 0	C' 17430 0	C' 03343 0	I' 41205 0	C' 03347 1	C' 00005 1	I' 65352 0	C' 03345 0
22,2620	I' 41405 0	C' 00001 0	I' 62415 0	C' 00007 0	I' 77604 0	C' 45707 0	C' 17432 1	I' 62421 1
22,2630	I' 77604 0	C' 45707 0	C' 17442 0	C' 03345 0	I' 41205 0	C' 03347 1	C' 00005 1	I' 65352 0
22,2640	C' 03343 0	I' 41405 0	C' 00001 0	I' 62415 0	C' 00007 0	I' 77604 0	C' 45707 0	C' 17444 0
22,2650	I' 62421 1	I' 77604 0	C' 45707 0	C' 03440 1	I' 77616 0	I' 67543 1	C' 00007 0	I' 71406 0
22,2660	I' 41152 1	C' 45707 0	C' 00051 0	I' 57543 1	C' 00015 0	I' 67471 1	C' 00051 0	I' 51123 0
22,2670	C' 00001 0	C' 44703 0	I' 57545 1	I' 43244 1	C' 44700 0	C' 15330 0	I' 77650 1	C' 44702 1
22,2700	I' 77625 0	C' 15330 0	I' 77606 1	I' 57543 1	C' 00013 0	I' 67471 1	C' 00051 0	I' 51123 0
22,2710	C' 00011 1	C' 44723 1	I' 57545 1	I' 43244 1	C' 44720 1	C' 15330 0	I' 77650 1	C' 44724 0
22,2720	I' 52025 1	C' 15330 0	C' 44724 0	I' 77745 1	I' 43466 1	00004 0	03272 0	00004 0
22,2730	03245 1	34711 1	05140 1	C' 03237 1	C' 44106 0	15112 1	I' 77614 1	C' 01074 0
22,2740	I' 70740 0	C' 01130 1	C' 04772 1	I' 45002 1	C' 44530 1	I' 74343 0	C' 04772 1	C' 03343 0
22,2750	I' 77721 0	C' 05004 0	C' 17311 1	C' 03365 1	I' 55805 1	C' 05002 0	C' 04772 1	I' 77661 0
22,2760	C' 20606 0	C' 27317 1	C' 03311 1	I' 77761 1	C' 05026 0	C' 03275 1	I' 77614 1	C' 01035 0
22,2770	C' 45033 0	C' 00044 1	C' 15053 0	C' 00221 0	C' 24255 0	C' 00554 0	C' 02660 0	C' 05540 0



OCTAL LISTING FOR PARAGRAPH J 132, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" A DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACA (CONSTANTS)

22,3000	C' 26603 0	C' 00003 1	C' 04000 0	C' 03146 1	C' 14632 0	C' 00000 1	C' 00000 1	C' 00000 1
22,3010	C' 00000 1	C' 00000 1	C' 00000 1	C' 03131 1	C' 11275 1	C' 77461 1	C' 47370 0	C' 00000 1
22,3020	C' 00000 1	C' 00316 0	C' 30407 1	C' 03131 1	C' 11275 1	C' 00004 0	C' 05253 0	41332 0
22,3030	00006 1	62725 0	06006 1	I' 75160 1	C' 03320 0	C' 03425 1	I' 77624 1	C' 44304 0
22,3040	I' 45575 1	C' 50442 0	I' 77626 0	C' 50450 0	I' 77626 0	C' 74456 0	I' 45160 1	C' 03320 0
22,3050	C' 44655 1	I' 77634 0	C' 45547 0	C' 03267 1	I' 77414 0	C' 01215 0	C' 45142 1	34711 1
22,3060	55664 0	60000 1	55665 1	51664 1	31666 0	00006 1	51664 1	21661 0
22,3070	00006 1	73141 1	51665 0	53576 0	51664 1	31666 0	51664 1	57661 1
22,3100	51665 0	55646 0	11664 0	13060 0	00003 1	03115 1	13206 1	34712 1
22,3110	05140 1	C' 03232 1	C' 44106 0	00003 1	15112 1	00006 1	40025 1	53673 0
22,3120	00006 1	31717 1	21673 0	11672 1	00002 0	13127 1	13137 0	11673 0
22,3130	00002 0	13133 1	40000 0	63205 0	00006 1	63137 1	24002 0	24002 0
22,3140	00002 0	C' 03146 1	I' 77776 1	00006 1	30025 0	21717 0	00006 1	43205 1
22,3150	21717 0	00004 0	44712 0	55332 0	41130 0	66211 0	00006 1	63161 1
22,3160	13164 0	41501 0	74674 1	27501 0	53711 0	53526 0	53713 1	53530 1
22,3170	53715 1	53532 0	31675 1	55564 0	31677 0	55565 1	31701 0	55566 1
22,3200	30025 0	63205 0	57671 0	13057 1	C' 00000 1	C' 00144 0	00004 0	40025 1
22,3210	61671 0	10000 0	64712 1	13216 0	64674 0	40000 0	05140 1	C' 03225 1
22,3220	C' 44106 0	00003 1	33205 0	27671 1	15112 1	37663 0	05042 1	C' 03027 1
22,3230	C' 44106 0	05213 1	03256 0	03303 1	31155 1	55646 0	03245 1	31327 0
22,3240	54063 0	34714 1	53326 0	05053 1	05213 1	34714 1	55575 0	55576 0
22,3250	55525 0	55526 0	55564 0	44674 1	71501 0	55501 0	34714 1	55577 1
22,3260	55600 1	55601 0	55602 0	55527 1	55530 1	55531 0	55532 0	55565 1
22,3270	55566 1	00002 0	30032 0	55646 0	30033 1	55650 1	30034 0	55652 0
22,3300	00002 0	31155 1	55646 0	31156 1	55650 1	31157 0	55652 0	00002 0
22,3310	C' 00302 0	C' 17755 0	I' 53754 1	C' 03746 1	C' 57176 0	C' 26746 0	I' 53750 0	C' 03745 1
22,3320	C' 57176 0	C' 02657 1	I' 45020 1	C' 01340 1	C' 45340 1	C' 37456 1	C' 25671 0	I' 41401 1
22,3330	C' 00003 1	I' 65225 1	C' 03456 0	C' 00001 0	I' 45206 1	C' 03456 0	I' 52006 0	C' 01340 1
22,3340	I' 41545 0	C' 05311 1	I' 63130 0	C' 00047 1	C' 00002 0	I' 46135 1	C' 00050 1	C' 45353 0
22,3350	I' 51575 1	C' 02026 1	I' 77725 1	I' 43545 1	I' 77620 0	C' 01340 1	C' 36635 1	C' 27036 1
22,3360	I' 77624 1	C' 45372 0	I' 77745 1	C' 02635 0	C' 34041 0	C' 27022 1	I' 77624 1	C' 45402 0
22,3370	I' 77650 1	C' 01340 1	I' 43175 0	C' 00001 0	C' 01352 1	C' 45406 1	C' 27540 0	C' 00007 0



OCTAL LISTING FOR PARAGRAPH J 133, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, "A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIB (INTERPRETIVE OPERATOR WORDS) OR ACB (CONSTANTS)

22,3400	C' 03546 0	I' 77616 0	I' 43175 0	C' 00001 0	C' 01352 1	C' 45376 1	C' 27554 0	C' 00007 0
22,3410	C' 03562 0	I' 77616 0	I' 53754 1	C' 03746 1	C' 57176 0	I' 63350 1	C' 03745 1	I' 63257 1
22,3420	C' 57176 0	I' 77616 0	I' 53754 1	C' 03746 1	C' 57576 1	I' 77616 0	I' 45020 1	C' 03657 0
22,3430	C' 47432 1	I' 77775 1	I' 45121 1	C' 01736 1	C' 47577 1	I' 74321 1	C' 05004 0	C' 05443 1
22,3440	I' 52072 0	C' 03657 0	C' 24000 1	C' 00000 1	30102 1	00006 1	65112 0	74675 0
22,3450	00006 1	15112 1	30034 0	04770 0	55640 0	30034 0	04767 0	55645 0
22,3460	33504 0	00006 1	20032 1	40000 0	04767 0	55644 1	00006 1	71645 0
22,3470	55641 1	33504 0	00006 1	20032 1	40000 0	04770 0	55642 1	00006 1
22,3500	71645 0	40000 0	55643 0	15112 1	C' 01224 1	00006 1	30025 0	16024 0
22,3510	10154 0	34714 1	13515 1	13514 0	44675 0	54155 1	34714 1	56154 1
22,3520	00006 1	74675 0	20155 1	16030 0	00004 0	30037 0	54154 0	30040 0
22,3530	54157 0	30041 1	00003 1	54161 0	34714 1	54155 1	54160 1	54162 0
22,3540	16470 0	07226 0	16030 0	03573 0	34714 1	54155 1	16027 0	03573 0
22,3550	52162 0	52155 1	03573 0	54156 1	52160 1	52155 1	03573 0	54155 1
22,3560	30161 1	54154 0	34712 1	16027 0	03573 0	52160 1	52155 1	03573 0
22,3570	54001 1	30157 1	16024 0	52155 1	20001 1	10000 0	64712 1	13601 1
22,3600	40000 0	54154 0	00002 0	50000 1	34673 1	26154 0	00002 0	33622 1
22,3610	54130 1	30154 1	03623 0	24130 0	30157 1	03623 0	24130 0	30161 1
22,3620	03623 0	13540 1	C' 01155 1	54142 1	50130 0	10000 0	64712 1	13633 0
22,3630	64712 1	64712 1	40000 0	60142 0	10000 0	64712 1	13640 1	40000 0
22,3640	54142 1	13645 1	50000 1	34673 1	60142 0	50130 0	54000 0	00002 0
22,3650	50120 1	30046 0	04555 0	C' 17125 1	16030 0	C' 02713 0	C' 02554 1	33655 1
22,3660	54003 0	53716 1	53722 0	53716 1	53720 1	53730 0	53720 1	53726 1
22,3670	53732 1	53726 1	16030 0	33656 1	54003 0	53557 0	53563 1	53557 0
22,3700	53561 0	53571 1	53561 0	53567 0	53573 0	53567 0	16030 0	00006 1
22,3710	34672 0	52155 1	10000 0	34714 1	16026 1	13716 0	00006 1	44672 1
22,3720	16024 0	34712 1	13724 1	34714 1	60120 1	54156 1	04555 0	C' 01010 1
22,3730	10154 0	13765 1	13734 0	13765 1	10157 0	13765 1	13740 0	13765 1
22,3740	10161 0	13765 1	13744 1	13765 1	30155 0	00006 1	74675 0	20155 1
22,3750	30160 0	00006 1	74675 0	20160 1	30162 1	00006 1	74675 0	20162 0
22,3760	34720 0	50156 0	54045 1	04574 0	C' 01024 0	34714 1	13761 0	04555 0
22,3770	C' 01010 1	06030 1	C' 03772 0	C' 03773 1	CXSM 75664 1	"	"	"



OCTAL LISTING FOR PARAGRAPH J 134, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, "A" DENOTES UNUSED FIXED MEMORY
ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED #IA (INTERPRETIVE OPERATOR WORDS) OR #CA (CONSTANTS)

23,2000	I' 47133 0	C' 00008 1	C' 45510 1	I' 41434 1	C' 46027 0	I' 72556 1	I' 66606 1	C' 00004 0
23,2010	I' 41434 1	C' 45510 1	I' 41348 0	C' 00003 1	C' 14041 1	I' 41356 1	I' 77626 0	C' 63734 1
23,2020	I' 77746 1	C' 24045 0	C' 00041 1	I' 76521 0	C' 06302 0	C' 00041 1	I' 77616 0	32323 1
23,2030	26154 0	34676 1	07256 1	06030 1	I' 77220 1	C' 00034 0	C' 02766 1	I' 77624 1
23,2040	C' 47577 1	I' 76521 0	C' 06260 0	C' 26766 1	C' 15330 0	C' 26555 0	C' 15326 1	C' 26563 0
23,2050	C' 15324 0	C' 36571 1	C' 46076 1	I' 47020 0	C' 00034 0	C' 45657 1	I' 64375 1	C' 02714 1
23,2060	C' 06260 0	I' 77772 0	C' 26555 0	C' 02722 1	I' 76521 0	C' 06260 0	C' 26563 0	C' 02730 1
23,2070	I' 76521 0	C' 06260 0	C' 02571 0	I' 47034 0	C' 45657 1	C' 45673 1	I' 47375 0	C' 02571 0
23,2100	C' 02766 1	I' 77600 1	C' 46103 1	I' 40056 0	C' 46145 0	C' 00027 1	I' 57441 1	C' 02555 0
23,2110	C' 24023 0	C' 00027 1	I' 77641 1	C' 02563 0	C' 34021 0	C' 47211 0	I' 77634 0	C' 45543 1
23,2120	C' 26774 1	C' 02766 1	I' 77600 1	C' 46124 1	I' 72441 0	C' 02571 0	I' 77726 1	I' 62440 0
23,2130	C' 46142 1	I' 45200 1	C' 46142 1	C' 06331 0	I' 77634 0	C' 45543 1	C' 02776 0	I' 77614 1
23,2140	C' 01630 0	C' 00034 0	I' 77614 1	C' 01430 1	C' 00034 0	I' 77745 1	C' 06325 0	C' 16774 1
23,2150	C' 06327 1	C' 02776 0	I' 77614 1	C' 01630 0	C' 00034 0	I' 44301 0	C' 00160 0	C' 06212 0
23,2160	I' 77776 1	07171 1	C' 00002 0	C' 00000 1	C' 00000 1	C' 01001 1	C' 14636 1	C' 00325 0
23,2170	C' 07310 1	C' 00541 1	C' 16735 1	34714 1	54156 1	00006 1	32214 1	52155 1
23,2200	52160 1	40000 0	07256 1	52156 1	52155 1	52160 1	20155 1	06008 1
23,2210	I' 77616 0	C' 37777 1	C' 37777 1	C' 00542 1	C' 34414 1	I' 47375 0	C' 01714 1	C' 03452 1
23,2220	C' 03460 0	I' 77635 1	C' 01714 1	C' 17466 0	C' 03606 1	I' 56204 1	C' 57343 1	C' 06256 0
23,2230	I' 41400 0	C' 46245 0	I' 45346 1	C' 15330 0	I' 65361 0	C' 03466 0	I' 74356 1	C' 03460 0
23,2240	I' 76455 1	I' 53455 0	C' 03452 1	C' 03474 0	I' 77616 0	I' 75345 1	C' 06256 0	C' 03606 1
23,2250	I' 77621 1	C' 03606 1	C' 03606 1	I' 77650 1	C' 46225 0	C' 01015 1	C' 34732 0	C' 15373 1
23,2260	C' 11346 0	C' 00000 1	C' 00000 1	C' 67313 1	C' 65307 0	C' 00000 1	C' 00000 1	C' 20000 0
23,2270	C' 00000 1	C' 00000 1	C' 00000 1	C' 10464 0	C' 12470 1	C' 00000 1	C' 00000 1	C' 15373 1
23,2300	C' 11346 0	C' 15373 1	C' 11346 0	C' 00000 1	C' 00000 1	C' 10464 0	C' 12470 1	C' 00000 1
23,2310	C' 00000 1	C' 20000 0	C' 00000 1	C' 00000 1	C' 00000 1	C' 67313 1	C' 65307 0	C' 00000 1
23,2320	C' 00000 1	C' 15373 1	C' 11346 0	C' 07020 1	C' 60000 1	C' 00000 1	C' 61740 0	C' 77777 0
23,2330	C' 07020 1	C' 00000 1	06006 1	I' 52014 0	C' 00716 1	C' 46566 0	C' 46337 1	I' 77776 1
23,2340	34711 1	55051 0	34712 1	55052 0	32406 1	04555 0	C' 20465 1	05423 1
23,2350	02352 1	02344 0	34707 0	05140 1	C' 02531 1	C' 46064 1	00003 1	32410 0
23,2360	54003 0	34714 1	55742 0	34756 1	05042 1	C' 02411 1	C' 46064 1	00003 1
23,2370	36214 0	71742 0	10000 0	02400 1	34734 0	04555 0	C' 01732 0	02370 1

OCTAL LISTING FOR PARAGRAPH J 135, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, "A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACA (CONSTANTS)

23,2400	32407 0	04555 0	C' 20465 1	05514 1	05514 1	02357 1	C' 01014 0	C' 04054 1
23,2410	C' 02343 1	06006 1	I' 77634 0	C' 45505 0	C' 00041 1	C' 02325 1	I' 77776 1	41052 0
23,2420	64712 1	00006 1	12446 1	06006 1	I' 77624 1	C' 27036 1	I' 77775 1	C' 00001 0
23,2430	C' 26327 0	C' 00007 0	C' 02335 0	I' 77743 1	C' 71321 1	C' 00037 0	I' 77743 1	C' 71315 0
23,2440	C' 02321 0	I' 46135 1	C' 00050 1	C' 46463 1	I' 77650 1	C' 46467 0	06006 1	I' 77624 1
23,2450	C' 27022 1	I' 77650 1	C' 46428 0	C' 27533 1	C' 07571 0	C' 25004 1	C' 06702 1	C' 00001 0
23,2460	C' 11530 1	C' 00002 0	C' 31230 1	I' 43145 0	C' 05311 1	C' 04622 0	C' 46473 0	I' 51575 1
23,2470	C' 02026 1	I' 77614 1	C' 04462 0	C' 36323 0	C' 46667 1	I' 77776 1	31011 0	00006 1
23,2500	12645 0	06006 1	I' 45234 0	C' 45505 0	C' 02325 1	C' 02325 1	I' 53145 1	C' 02346 1
23,2510	C' 46521 0	I' 43345 1	C' 02346 1	C' 02325 1	C' 02346 1	I' 77776 1	34712 1	55742 0
23,2520	05112 0	I' 43345 1	C' 02344 0	C' 02325 1	C' 02344 0	I' 77776 1	34711 1	55742 0
23,2530	05112 0	34706 1	71044 1	10000 0	02542 0	37662 1	05027 1	C' 05423 1
23,2540	C' 04062 1	05213 1	34734 0	05140 1	C' 02531 1	C' 46064 1	36214 0	71742 0
23,2550	50000 1	02552 1	05213 1	02561 1	34734 0	54001 1	34714 1	21744 0
23,2560	05213 1	34734 0	54001 1	34714 1	21746 1	05213 1	I' 77776 1	34756 1
23,2570	05042 1	C' 02604 1	C' 46064 1	00003 1	10067 1	05057 0	32407 0	04555 0
23,2600	C' 20465 1	05514 1	05514 1	02576 1	06006 1	I' 52175 0	C' 01171 1	C' 46610 1
23,2610	C' 26327 0	C' 01177 1	C' 02335 0	I' 52014 0	C' 04303 0	C' 46617 0	C' 46630 0	I' 71214 0
23,2620	C' 04462 0	C' 06454 1	C' 14037 0	C' 06460 0	C' 26321 0	C' 02026 1	I' 52046 1	C' 46637 1
23,2630	I' 71214 0	C' 04662 1	C' 06456 0	C' 14037 0	C' 06462 1	C' 16321 0	C' 05311 1	C' 36323 0
23,2640	C' 46667 1	I' 77776 1	05253 0	C' 00013 0	02657 1	06006 1	I' 77624 1	C' 27371 1
23,2650	I' 45145 0	C' 02344 0	C' 64017 0	I' 77776 1	31011 0	00006 1	12501 0	34706 1
23,2660	71044 1	00006 1	15423 0	34734 0	04555 0	C' 01732 0	02604 1	I' 44001 0
23,2670	C' 00001 0	C' 00051 0	I' 77214 0	C' 04742 1	C' 46703 1	C' 02327 0	I' 77752 1	C' 26327 0
23,2700	C' 02335 0	I' 77752 1	C' 02335 0	I' 77624 1	C' 56751 1	I' 77624 1	C' 57017 0	I' 77625 0
23,2710	C' 02323 1	I' 64414 1	C' 04742 1	C' 46714 1	I' 77624 1	C' 46754 0	C' 16352 1	C' 00017 1
23,2720	I' 77625 0	C' 02323 1	C' 00161 1	I' 64414 1	C' 04742 1	C' 46726 0	I' 77624 1	C' 46754 0
23,2730	C' 16354 1	C' 00161 1	I' 51025 1	C' 02321 0	C' 46740 0	I' 52145 0	C' 15332 1	C' 46744 1
23,2740	I' 45145 0	C' 00017 1	C' 57055 0	I' 77676 0	C' 16346 1	C' 02321 0	I' 45015 1	C' 02323 1
23,2750	C' 57060 0	I' 77676 0	C' 36344 1	C' 00051 0	I' 51025 1	C' 06764 1	C' 46761 0	I' 43415 0
23,2760	C' 06764 1	I' 43545 1	C' 06764 1	C' 01065 0	C' 05603 1	22016 0	00006 1	22012 1
23,2770	41501 0	74710 1	27501 0	04633 0	C' 42404 1	34702 0	00006 1	05012 1



OCTAL LISTING FOR PARAGRAPH J 136, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACA (CONSTANTS)

23,3000	00008 1	33048 0	53313 0	33044 1	54030 0	15222 1	22016 0	00008 1
23,3010	22012 1	33045 0	55312 1	33044 1	54030 0	33043 0	00008 1	06031 0
23,3020	73043 1	04833 0	C' 43114 1	51656 0	33037 0	55476 1	51657 1	33037 0
23,3030	55477 0	51660 0	33037 0	55500 1	04833 0	C' 42404 1	15222 1	C' 00000 1
23,3040	C' 00476 1	C' 77301 0	C' 00000 1	C' 00077 1	C' 37766 1	C' 03006 1	C' 46106 1	I' 77620 0
23,3050	C' 02317 0	I' 53575 0	C' 03531 0	C' 14033 1	C' 00045 0	C' 25301 1	C' 01245 0	I' 53435 0
23,3060	C' 00033 1	C' 37502 1	C' 56741 0	I' 77775 1	C' 03502 0	C' 01245 0	I' 72441 0	C' 01235 1
23,3070	I' 45326 1	C' 15322 0	I' 41301 0	C' 00047 1	C' 07107 0	I' 53605 1	C' 01301 1	C' 21576 0
23,3100	C' 27524 1	C' 15332 1	C' 03510 0	C' 03516 0	I' 77650 1	C' 02317 0	C' 31103 1	C' 36652 0
23,3110	I' 40220 0	C' 02317 0	C' 00001 0	I' 76740 0	C' 01242 1	C' 00002 0	C' 23676 1	C' 00001 0
23,3120	C' 03675 0	I' 77774 0	C' 00002 0	I' 67064 1	C' 00046 0	C' 00050 1	I' 77624 1	C' 46000 0
23,3130	I' 77624 1	C' 47541 1	I' 76505 0	C' 01736 1	I' 77650 1	C' 02317 0	C' 00000 1	C' 13560 0
23,3140	I' 71220 1	C' 00051 0	C' 02714 1	I' 65325 0	C' 15332 1	C' 02720 0	I' 55476 1	I' 77656 1
23,3150	C' 14027 1	C' 00027 1	I' 77742 0	C' 14023 0	C' 00033 1	I' 77742 0	C' 34021 0	C' 47211 0
23,3160	C' 16762 0	C' 02716 0	I' 77742 0	C' 14023 0	C' 00027 1	I' 65205 0	C' 02720 0	C' 00033 1
23,3170	I' 45205 1	C' 02714 1	I' 77626 0	C' 43756 1	C' 47211 0	C' 26764 0	C' 00027 1	I' 77641 1
23,3200	C' 02730 1	C' 24021 1	C' 00027 1	I' 77641 1	C' 02722 1	C' 34023 1	C' 47211 0	C' 36760 0
23,3210	C' 00051 0	I' 51545 1	C' 00023 0	I' 50025 0	C' 07427 1	C' 47224 0	I' 72545 0	C' 00021 1
23,3220	I' 75326 1	C' 00023 0	C' 00025 0	I' 77616 0	I' 72545 0	C' 00023 0	I' 77736 0	C' 14025 0
23,3230	C' 00021 1	I' 77640 0	C' 47235 0	I' 43545 1	C' 00025 0	I' 75345 1	C' 15330 0	C' 00023 0
23,3240	I' 77625 0	C' 00025 0	C' 00025 0	I' 77616 0	I' 77601 0	C' 00001 0	I' 47375 0	C' 02714 1
23,3250	C' 02700 1	I' 41456 0	I' 44041 1	C' 02730 1	C' 00051 0	C' 24021 1	C' 00001 0	I' 77641 1
23,3260	C' 02722 1	C' 34023 1	C' 47211 0	C' 26760 1	C' 00001 0	I' 50235 0	C' 02714 1	C' 02700 1
23,3270	I' 77752 1	C' 24021 1	C' 02700 1	I' 77641 1	C' 02714 1	C' 34023 1	C' 47211 0	C' 02764 0
23,3300	I' 45246 0	C' 07431 0	I' 77644 1	C' 47324 1	I' 50375 0	C' 02706 1	C' 00001 0	C' 24021 1
23,3310	C' 02672 0	I' 45441 1	C' 43754 0	C' 47211 0	C' 26762 0	C' 02760 1	I' 43034 1	C' 45547 0
23,3320	C' 00200 0	C' 00051 0	C' 35156 0	C' 00051 0	I' 77776 1	05537 0	C' 00401 1	05435 0
23,3330	C' 00056 1	06006 1	I' 77650 1	C' 47304 0	I' 66370 0	C' 02743 0	C' 00051 0	C' 02727 1
23,3340	I' 77601 0	C' 00001 0	I' 46773 0	C' 02752 0	C' 02760 1	I' 77656 1	C' 06760 0	I' 77773 1
23,3350	C' 02752 0	I' 76433 1	C' 02760 1	C' 06766 0	I' 77700 0	C' 47342 1	I' 66160 0	C' 00006 1
23,3360	C' 00036 1	I' 66370 0	C' 00022 1	C' 00051 0	C' 00006 1	I' 66374 1	C' 00006 1	C' 00052 0
23,3370	C' 00002 0	I' 76720 0	C' 00036 1	C' 00001 0	I' 62757 0	C' 75033 0	C' 00007 0	I' 77757 1

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED Δ (INTERPRETIVE OPERATOR WORDS) OR ΔC (CONSTANTS)

[illegible]



OCTAL LISTING FOR PARAGRAPH J 140, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" DENOTES UNUSED FIXED MEMORY
ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACs (CONSTANTS)

24,2000	C' 03431 1	C' 03872 1	05447 0	C' 00023 0	06006 1	I' 43135 1	C' 03425 1	C' 01347 0
24,2010	C' 50013 0	I' 77745 1	C' 15332 1	C' 17703 0	C' 10335 0	C' 17727 0	C' 03413 1	C' 03450 0
24,2020	I' 77776 1	04555 0	C' 17573 0	06006 1	I' 77624 1	C' 34000 0	I' 77624 1	C' 51512 0
24,2030	I' 77414 0	C' 01073 1	02212 1	00003 1	04555 0	C' 56000 1	44712 0	55746 1
24,2040	05435 0	C' 00155 0	02252 0	02267 0	32351 1	55145 1	06006 1	I' 51575 1
24,2050	C' 03721 0	C' 17654 0	C' 15332 1	C' 03426 1	I' 77776 1	00008 1	32773 0	53223 1
24,2060	32344 0	04555 0	C' 20751 0	12204 1	12362 0	44712 0	55445 1	34714 1
24,2070	55447 0	34712 1	05140 1	C' 02051 1	C' 40066 0	11445 1	32343 1	12101 1
24,2100	32776 0	04555 0	C' 01732 0	05261 1	C' 40026 1	C' 00234 1	34712 1	05140 1
24,2110	C' 03172 0	C' 50067 0	00003 1	03304 0	06006 1	I' 45345 1	C' 03413 1	C' 10342 0
24,2120	C' 00041 1	I' 77624 1	C' 27577 1	12125 1	02146 0	00006 1	30155 0	53673 0
24,2130	00006 1	42776 1	21673 0	00006 1	31673 1	05231 1	C' 02364 1	C' 50067 0
24,2140	05301 0	C' 20214 1	15112 1	04555 0	C' 20607 1	15112 1	00006 1	31246 0
24,2150	53413 1	00006 1	32342 0	21413 1	12125 1	32353 0	04555 0	C' 20610 1
24,2160	12204 1	12163 0	12155 0	00006 1	32407 0	53223 1	34735 1	04555 0
24,2170	C' 01732 0	02212 1	00003 1	05301 0	C' 05024 1	C' 20000 0	32350 0	04555 0
24,2200	C' 20610 1	12204 1	12204 1	12173 1	00006 1	32405 1	53223 1	14106 0
24,2210	C' 00056 1	C' 00707 1	00004 0	30032 0	55572 1	00006 1	30034 0	53574 1
24,2220	32210 0	55655 1	44707 1	71466 0	55466 0	00002 0	00004 0	32211 1
24,2230	55655 1	41466 0	74707 1	27466 0	00002 0	05435 0	C' 00023 0	06006 1
24,2240	I' 77745 1	C' 15332 1	C' 03703 0	I' 43145 0	C' 10337 1	C' 00700 0	C' 50015 0	I' 52015 1
24,2250	C' 10337 1	C' 50015 0	41011 1	74712 0	00006 1	12257 1	24002 0	00002 0
24,2260	34675 1	05027 1	C' 02173 0	C' 50066 1	05447 0	C' 00155 0	15213 0	32347 0
24,2270	55145 1	06006 1	I' 77624 1	C' 50314 1	I' 77776 1	00006 1	32407 0	53223 1
24,2300	05261 1	C' 40036 0	C' 00234 1	12106 0	32350 0	55145 1	32342 0	05140 1
24,2310	C' 02260 1	C' 50066 1	44710 1	12513 0	I' 40220 0	C' 03730 0	C' 00001 0	I' 41575 0
24,2320	C' 03721 0	I' 77624 1	C' 45426 0	C' 37665 0	C' 03730 0	06006 1	I' 77624 1	C' 51016 1
24,2330	I' 77624 1	C' 50314 1	I' 77776 1	03127 0	C' 02217 1	C' 06650 1	C' 00013 0	C' 06112 0
24,2340	C' 04700 1	C' 00000 1	C' 05664 0	C' 03410 1	C' 00204 1	C' 37730 1	C' 04123 0	C' 01525 1
24,2350	C' 04125 0	C' 01450 1	C' 24020 0	C' 04050 0	C' 00027 1	C' 00053 1	C' 00035 1	C' 03143 1
24,2360	C' 12066 1	C' 00026 0	34712 1	12066 1	32776 0	05140 1	C' 02502 1	C' 50067 0
24,2370	34714 1	55145 1	34761 0	05027 1	C' 02143 0	C' 50067 0	44362 0	04114 1



TOTAL LISTING FOR PARAGRAPH J 141, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, "A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED A1A (INTERPRETIVE OPERATOR WORDS) OR A1A (CONSTANTS)

24,2400	C' 00004 0	05213 1	C' 02436 1	C' 50087 0	C' 03132 1	C' 76067 1	C' 02325 1	C' 50066 1
24,2410	04555 0	C' 17573 0	06006 1	I' 77624 1	C' 27573 0	30155 0	55672 1	05140 1
24,2420	C' 02425 0	C' 50067 0	05301 0	C' 40574 0	15112 1	00006 1	32403 1	53223 1
24,2430	34371 0	05027 1	C' 02461 0	C' 50067 0	44711 0	12513 0	06006 1	I' 77601 0
24,2440	C' 00001 0	I' 53375 0	C' 03665 1	C' 03433 0	C' 03460 0	I' 45006 0	C' 45426 0	C' 37675 1
24,2450	C' 70436 1	I' 77776 1	05301 0	C' 10035 0	34715 0	05475 1	C' 01457 0	C' 01664 1
24,2460	03127 0	06006 1	I' 77775 1	C' 15332 1	C' 03675 0	C' 03665 1	I' 77776 1	34762 0
24,2470	05103 0	05301 0	C' 05024 1	C' 15000 0	32346 1	04555 0	C' 20624 0	04106 1
24,2500	04106 1	12461 1	02252 0	12304 0	32351 1	55145 1	32340 1	05140 1
24,2510	C' 02521 0	C' 50067 0	46211 1	04114 1	C' 00004 0	10763 1	15213 0	04574 0
24,2520	C' 76604 1	32776 0	05140 1	C' 02537 1	C' 50066 1	44702 1	55145 1	05261 1
24,2530	C' 40074 0	C' 00033 1	34675 1	05042 1	C' 02404 0	C' 34067 1	15213 0	40103 1
24,2540	74676 0	26103 1	30103 0	74677 1	00006 1	15213 0	32351 1	55145 1
24,2550	05301 0	C' 00614 1	30032 0	55450 0	00006 1	30025 0	53337 0	40101 0
24,2560	74704 1	26101 0	34676 1	00006 1	05011 1	34702 0	70076 1	10000 0
24,2570	12655 1	40102 0	74676 0	26102 0	44105 0	70102 0	54102 0	00006 1
24,2600	32360 0	53313 0	46214 1	04114 1	C' 00004 0	05156 0	C' 00050 1	44712 0
24,2610	55654 0	34714 1	55661 0	44105 0	70102 0	64674 0	54102 0	36214 0
24,2620	54001 1	40000 0	52765 1	44715 1	04114 1	C' 00004 0	34672 0	54030 0
24,2630	00006 1	33001 0	53313 0	05156 0	C' 00240 1	34676 1	70102 0	10000 0
24,2640	02646 1	02651 1	00006 1	34714 1	52761 0	15213 0	40076 1	74700 0
24,2650	26076 1	34714 1	00006 1	01005 0	00002 0	44676 0	70102 0	54102 0
24,2660	03304 0	00006 1	31430 1	53413 1	00006 1	30025 0	21413 1	31430 1
24,2670	05140 1	C' 02706 1	C' 50067 0	05261 1	C' 40153 1	C' 05014 1	C' 77777 0	44702 1
24,2700	70076 1	54076 1	03307 0	34714 1	55444 0	12574 1	03307 0	31474 1
24,2710	55662 0	05261 1	C' 00003 1	C' 40634 1	02737 0	42354 0	04114 1	C' 00004 0
24,2720	05156 0	C' 00372 1	02227 1	04633 0	C' 42010 0	04633 0	C' 13207 0	03003 1
24,2730	05301 0	C' 00354 0	34603 0	05027 1	C' 02155 1	C' 50066 1	15213 0	00006 1
24,2740	30025 0	53337 0	44704 1	70101 0	54101 0	44676 0	00006 1	03011 1
24,2750	31444 1	00006 1	70110 0	22000 1	00006 1	74734 1	61662 1	55474 0
24,2760	34674 0	70105 1	00006 1	12765 0	00002 0	31621 0	55425 1	31623 1
24,2770	55426 1	00002 0	C' 03117 0	C' 50066 1	C' 37703 1	C' 00000 1	C' 00764 1	C' 02202 0



OCTAL LISTING FOR PARAGRAPH J 142, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, "A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACA (CONSTANTS)

24,3000	C' 02030 0	C' 38068 1	00004 0	42777 0	00008 1	03012 1	44712 0	55303 1
24,3010	34714 1	55145 1	44700 0	70103 1	54103 1	00002 0	I' 43020 1	C' 03730 0
24,3020	C' 01307 1	C' 51045 1	I' 50135 0	C' 03347 1	C' 51051 1	I' 53375 0	C' 03351 0	C' 03433 0
24,3030	C' 03357 0	I' 77776 1	34712 1	61746 0	55747 0	05301 0	C' 10035 0	31747 1
24,3040	55746 1	08008 1	I' 77775 1	C' 03357 0	C' 03351 0	I' 77624 1	C' 34130 1	I' 77650 1
24,3050	C' 03730 0	I' 67214 1	C' 01310 1	C' 51066 0	C' 03350 1	I' 74301 0	C' 00047 1	C' 03705 0
24,3060	I' 53257 1	C' 20563 0	C' 03646 0	I' 77651 0	C' 03351 0	C' 03721 0	I' 77776 1	34676 1
24,3070	05042 1	C' 02257 0	C' 34066 0	05261 1	C' 00051 0	C' 10035 0	08008 1	I' 77775 1
24,3100	C' 01171 1	C' 27570 0	C' 01177 1	C' 17576 0	C' 01205 1	C' 03474 0	I' 77621 1	C' 03656 1
24,3110	C' 27423 1	C' 15332 1	C' 17351 0	C' 15332 1	C' 03347 1	I' 77650 1	C' 51045 1	08008 1
24,3120	I' 77624 1	C' 51016 1	I' 77776 1	34702 0	70076 1	10000 0	13131 0	04574 0
24,3130	C' 77132 1	34676 1	00006 1	02011 0	00008 1	13127 1	03304 0	00004 0
24,3140	00006 1	31413 0	52155 1	00006 1	40025 1	20155 1	07224 1	30155 0
24,3150	10000 0	13154 0	13154 0	34714 1	64712 1	58001 0	34714 1	53430 0
24,3160	31430 1	05140 1	C' 02706 1	C' 50067 0	05261 1	C' 40153 1	C' 10035 0	05447 0
24,3170	C' 00044 1	13127 1	34700 1	70103 1	10000 0	13201 0	05301 0	C' 00006 1
24,3200	05213 1	00006 1	30025 0	53661 0	00008 1	41413 1	21661 0	34734 0
24,3210	05140 1	C' 03172 0	C' 50067 0	11145 1	13217 1	13227 1	13217 1	42347 1
24,3220	61145 0	00006 1	13232 0	37664 1	05027 1	C' 03244 0	C' 50066 1	40025 1
24,3230	55065 1	15213 0	37664 1	05042 1	C' 03237 1	C' 50066 1	13227 1	08006 1
24,3240	I' 77624 1	C' 50314 1	I' 77776 1	13254 0	30032 0	54772 1	30033 1	54766 1
24,3250	30034 0	54770 0	04555 0	C' 47510 0	00004 0	11145 1	13301 1	15112 1
24,3260	13270 0	32351 1	04555 0	C' 20763 1	13350 0	13403 1	13432 0	13276 0
24,3270	32351 1	04555 0	C' 20763 1	13320 1	13326 1	13312 0	32352 1	05415 1
24,3300	15112 1	31145 0	04555 0	C' 20616 1	34753 1	54003 0	00002 0	34752 0
24,3310	54003 0	00002 0	05261 1	C' 00006 1	C' 05024 1	C' 27000 1	03002 0	12163 0
24,3320	05261 1	C' 00006 1	C' 05024 1	C' 27000 1	03002 0	12204 1	00004 0	30103 0
24,3330	74677 1	10000 0	13345 1	34677 0	26103 1	30103 0	74676 0	00006 1
24,3340	13345 1	34712 1	05140 1	C' 02552 1	C' 50066 1	32351 1	55145 1	15112 1
24,3350	05261 1	C' 00006 1	C' 40674 0	34712 1	05130 0	C' 03357 0	15112 1	34714 1
24,3360	55145 1	32361 1	61474 1	55662 0	05301 0	C' 05014 1	C' 77777 0	02737 0
24,3370	05301 0	C' 00714 0	05156 0	C' 00372 1	04633 0	C' 42010 0	37664 1	05027 1

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIB (INTERPRETIVE OPERATOR WORDS) OR ACB (CONSTANTS)

24,3400	C'	03320 0	C'	50066 1	15213 0	05301 0	C'	40734 0	34712 1	05130 0	C'	03411 0				
24,3410		15112 1		31444 1	55653 1	32351 1		55145 1	05435 0	C'	00030 1	05435 0				
24,3420	C'	00042 1		05301 0	C'	00134 1		05156 0	C'	00310 0	C'	00030 1				
24,3430	C'	00004 0		15213 0	05301 0	C'	40534 1	34712 1	05440 1	C'	03441 0	C'	50087 0			
24,3440		15112 1		44112 0	55412 0	32351 1		55145 1	03307 0		32361 1		61474 1			
24,3450		55662 0		05301 0	C'	00754 1		05301 0	C'	00114 0		05156 0	C'	00372 1		
24,3460		34712 1		05140 1	C'	02040 1	C'	40066 0	04633 0	C'	42010 0		05261 1	C'	00028 0	
24,3470	C'	05014 1	C'	77777 0		44761 1		70103 1	64676 1		54103 1		05156 0	C'	00036 1	
24,3500		44702 1		55145 1		05261 1	C'	40774 1	C'	00033 1		34675 1		05042 1	C'	02404 0
24,3510	C'	34067 1		15213 0	I'	64375 1	C'	03713 1	C'	01736 1	I'	44172 0	C'	03857 0	C'	03357 0
24,3520	I'	43001 1	C'	00001 0	C'	00704 1	C'	51633 0	I'	77745 1	C'	15332 1	I'	67206 1	C'	03027 1
24,3530	I'	72405 0	C'	11672 1	I'	41415 1	C'	11674 1	I'	65346 0	I'	41556 1	I'	77735 0	C'	03028 0
24,3540	I'	72405 0	C'	11672 1	I'	41415 1	C'	11676 0	I'	65346 0	I'	41556 1	C'	14323 0	C'	00007 0
24,3550	I'	72405 0	C'	00005 1	I'	65276 1	C'	00007 0	I'	72405 0	C'	00003 1	I'	77686 1	C'	14307 0
24,3560	C'	00323 0	I'	72405 0	C'	00005 1	I'	41325 0	C'	00323 0	C'	00003 1	I'	57552 1	I'	77686 1
24,3570	C'	14323 0	I'	77686 1	C'	14315 0	C'	00323 0	I'	65325 0	C'	00315 0	C'	00307 0	I'	77686 1
24,3600	C'	27351 0	C'	03713 1	I'	53515 0	C'	03632 0	I'	57435 1	C'	00001 0	I'	41456 0	I'	77624 1
24,3610	C'	51652 1	I'	57435 1	C'	00001 0	I'	63372 1	C'	00307 0	I'	76505 0	C'	00001 0	C'	24307 0
24,3620	C'	00315 0	I'	76505 0	C'	00001 0	C'	24315 0	C'	00323 0	I'	76505 0	C'	00001 0	C'	00323 0
24,3630	I'	52001 1	C'	00001 0	C'	03657 0	I'	77775 1	C'	15330 0	C'	27351 0	C'	03713 1	C'	00307 0
24,3640	I'	53435 0	C'	03632 0	C'	34007 1	C'	51652 1	C'	00315 0	I'	57435 1	C'	00307 0	I'	77772 0
24,3650	C'	34323 1	C'	03657 0	I'	46145 0	C'	00045 0	C'	51657 1	I'	43575 1	C'	00007 0	I'	53575 0
24,3660	C'	03632 0	I'	53515 0	C'	03640 0	I'	53322 1	I'	53435 0	C'	03713 1	I'	77676 0	C'	00007 0
24,3670	I'	77616 0	C'	21215 1	C'	12215 1	C'	00053 1	C'	07423 0	C'	77636 1	C'	44653 1	C'	37405 1
24,3700	C'	02000 0	C'	42106 0	C'	37704 0	C'	03703 0	C'	03704 1	CKM	72000 1		"		"
24,3710		"		"		"		"		"		"		"		"
24,3720		"		"		"		"		"		"		"		"
24,3730		"		"		"		"		"		"		"		"
24,3740		"		"		"		"		"		"		"		"
24,3750		"		"		"		"								



OCTAL LISTING FOR PARAGRAPH J 144, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" DENOTES UNUSED FIXED MEMORY
ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACA (CONSTANTS)

25,2000	I' 77776 1	42113 1	00004 0	70102 0	62114 1	54102 0	00003 1	06006 1
25,2010	I' 77735 0	C' 03011 1	C' 03628 0	I' 77735 0	C' 03010 0	C' 03624 1	I' 77605 1	C' 15320 1
25,2020	C' 17630 1	C' 15145 0	I' 70405 1	C' 03624 1	C' 17632 0	C' 15176 0	C' 17175 1	C' 17363 1
25,2030	C' 17614 1	C' 03624 1	I' 57565 0	C' 03327 1	C' 37634 1	C' 52063 0	I' 47375 0	C' 01177 1
25,2040	C' 01760 1	I' 50256 0	C' 03474 0	C' 03676 0	I' 47076 0	C' 45707 0	C' 17644 1	C' 03624 1
25,2050	I' 43205 1	C' 15200 1	C' 15202 0	C' 03712 0	I' 66331 0	C' 03646 0	C' 52260 1	C' 03325 0
25,2060	C' 52115 0	I' 77634 0	C' 53603 1	I' 77220 1	C' 03645 0	C' 03401 1	I' 43014 0	C' 00662 0
25,2070	C' 01663 0	C' 15104 0	C' 15332 1	C' 15110 0	C' 01205 1	C' 37524 0	C' 28373 1	I' 77656 1
25,2100	C' 17452 1	C' 12112 0	C' 37606 0	C' 46215 0	I' 72441 0	C' 01760 1	I' 77728 1	C' 37702 0
25,2110	C' 03645 0	C' 00003 1	C' 01520 1	C' 11774 0	C' 11010 0	I' 77624 1	C' 52125 0	I' 77776 1
25,2120	C' 05301 0	C' 10035 0	06006 1	I' 77650 1	C' 03645 0	I' 77214 0	C' 03346 0	C' 52133 1
25,2130	C' 03526 0	I' 52076 1	C' 52136 1	I' 74375 0	C' 01177 1	C' 15230 1	C' 03516 0	I' 44056 1
25,2140	C' 03373 0	C' 17510 0	C' 00043 0	C' 03622 1	I' 77625 0	C' 15322 0	C' 17654 0	C' 00045 0
25,2150	C' 27674 1	C' 03516 0	I' 72441 0	C' 01760 1	C' 27700 0	C' 01163 1	I' 41246 1	C' 15232 0
25,2160	I' 53152 1	C' 55132 1	C' 27640 0	C' 03516 0	I' 53435 0	C' 01760 1	C' 03502 0	I' 71214 0
25,2170	C' 03346 0	C' 55073 0	C' 15332 1	I' 43225 0	C' 03524 1	C' 01205 1	C' 37606 0	C' 46225 0
25,2200	I' 40241 1	C' 03502 0	C' 00001 0	C' 27676 0	C' 03474 0	I' 77614 1	C' 03667 0	I' 50235 0
25,2210	C' 01760 1	C' 03502 0	I' 43044 0	C' 52215 0	C' 03467 1	I' 77775 1	C' 03474 0	I' 45241 1
25,2220	C' 01760 1	C' 15162 0	I' 43244 1	C' 55135 0	C' 15162 0	I' 65552 0	C' 03702 1	I' 57414 1
25,2230	C' 03707 1	C' 52232 0	C' 17714 0	C' 03640 0	I' 50025 0	C' 15240 0	C' 52255 1	I' 77214 0
25,2240	C' 03074 1	C' 03433 0	I' 50206 0	C' 03542 1	I' 63552 0	I' 47515 0	I' 56225 1	C' 00001 0
25,2250	I' 75400 1	C' 52253 1	C' 03727 0	I' 77650 1	C' 03373 0	I' 52014 0	C' 03274 0	C' 52253 1
25,2260	I' 43014 0	C' 03312 1	C' 52354 1	C' 03354 0	C' 53520 0	I' 63545 0	C' 03654 0	I' 56205 0
25,2270	C' 03654 0	C' 15304 1	I' 47015 0	C' 15306 0	C' 54432 0	C' 03720 1	I' 45345 1	C' 03674 1
25,2300	C' 15302 1	I' 51014 0	C' 03265 0	C' 52310 1	I' 52131 0	C' 03646 0	C' 53311 1	C' 52343 1
25,2310	I' 41345 0	C' 03654 0	C' 15310 1	I' 77615 0	C' 15312 0	C' 03710 1	I' 40065 0	C' 15266 1
25,2320	C' 52321 0	C' 17706 0	C' 03624 1	C' 17634 0	C' 03700 0	I' 41471 0	C' 03674 1	I' 41316 0
25,2330	I' 45271 1	C' 15276 0	C' 15300 0	I' 40015 1	C' 03674 1	C' 52343 1	I' 71240 1	C' 52343 1
25,2340	C' 03624 1	I' 77676 0	C' 03634 0	I' 77614 1	C' 03052 0	C' 53520 0	I' 45345 1	C' 03720 1
25,2350	C' 03640 0	I' 52044 0	C' 53520 0	C' 53224 0	I' 43345 1	C' 03700 0	C' 15260 1	I' 45040 1
25,2360	C' 52346 1	C' 53014 1	I' 77731 1	C' 03646 0	C' 52365 0	I' 77745 1	C' 03640 0	C' 17664 0
25,2370	C' 03624 1	C' 17647 1	C' 03700 0	I' 71240 1	C' 52400 1	C' 03725 1	C' 17647 1	C' 03700 0



OCTAL LISTING FOR PARAGRAPH J 145, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A'S DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR AOA (CONSTANTS)

25,2400	I' 43271 1	C' 03647 1	C' 03674 1	C' 14326 0	C' 03700 0	I' 56316 0	C' 03647 1	I' 43271 1
25,2410	C' 15272 1	C' 03640 0	I' 41205 0	C' 00326 0	C' 00326 0	I' 77671 1	C' 03622 1	C' 14330 1
25,2420	C' 03700 0	I' 71244 0	C' 52425 0	C' 00330 1	C' 03664 0	I' 51145 0	C' 03634 0	C' 52434 0
25,2430	I' 45345 1	C' 00326 0	C' 15214 1	C' 00326 0	I' 41345 0	C' 00330 1	C' 15272 1	I' 40271 1
25,2440	C' 00326 0	C' 00001 0	I' 56271 0	C' 00326 0	C' 03725 1	C' 03704 1	I' 55221 0	C' 17363 1
25,2450	C' 00326 0	C' 17616 0	C' 03704 1	I' 41225 1	C' 17363 1	C' 03704 1	I' 77671 1	C' 00330 1
25,2460	C' 03620 0	I' 43205 1	C' 03175 1	C' 03704 1	I' 44366 1	C' 17363 1	I' 77605 1	C' 03616 0
25,2470	C' 03767 1	I' 41221 0	C' 00326 0	C' 03725 1	I' 77671 1	C' 03767 1	C' 14027 1	C' 03767 1
25,2500	I' 50025 0	C' 15204 0	C' 53325 0	I' 63545 0	C' 03767 1	C' 17666 1	C' 15330 0	I' 50025 0
25,2510	C' 03767 1	C' 53220 1	C' 17662 0	C' 15330 0	C' 03672 1	I' 50025 0	C' 00326 0	C' 52525 1
25,2520	I' 77621 1	C' 03662 0	C' 17662 0	C' 00326 0	C' 03672 1	I' 45145 0	C' 03672 1	C' 52776 0
25,2530	C' 03656 1	I' 56261 1	C' 20607 1	C' 03175 1	I' 77625 0	C' 15250 1	C' 03660 1	I' 41215 1
25,2540	C' 17357 0	C' 15254 0	I' 41205 0	C' 03662 0	C' 03662 0	I' 56271 0	C' 03656 1	C' 03666 1
25,2550	I' 50021 1	C' 00027 1	C' 52743 0	C' 03771 0	I' 77625 0	C' 00027 1	I' 43205 1	C' 15330 0
25,2560	C' 00027 1	C' 14027 1	C' 03771 0	I' 60516 0	I' 77621 1	C' 15330 0	C' 17670 0	C' 03666 1
25,2570	I' 41225 1	C' 15330 0	C' 03666 1	I' 41205 0	C' 03670 0	C' 03670 0	I' 43312 0	C' 17357 0
25,2600	I' 65366 1	C' 03666 1	I' 41205 0	C' 03670 0	C' 03771 0	I' 67471 1	I' 41552 0	C' 17731 1
25,2610	C' 03767 1	I' 43205 1	C' 15170 0	C' 03712 0	C' 03732 1	I' 63525 0	C' 00326 0	I' 56205 0
25,2620	C' 03175 1	C' 03666 1	I' 45071 0	C' 00330 1	C' 46155 1	I' 56205 0	C' 15206 1	C' 00027 1
25,2630	C' 03733 0	I' 41325 0	C' 15256 1	C' 03700 0	I' 56205 0	C' 03674 1	C' 00330 1	I' 41471 0
25,2640	C' 03624 1	C' 17734 1	C' 15174 1	I' 41225 1	C' 03771 0	C' 15172 1	C' 27735 0	C' 03731 1
25,2650	C' 17126 1	C' 03735 0	I' 43215 0	I' 43215 0	I' 41025 0	C' 03702 1	C' 57343 1	C' 03610 0
25,2660	I' 45246 0	C' 15222 1	I' 43040 1	C' 53025 0	C' 03311 1	C' 52671 0	I' 51145 0	C' 03610 0
25,2670	C' 53213 1	I' 41345 0	C' 03642 1	C' 03610 0	I' 45325 1	C' 03612 1	C' 03610 0	I' 77665 1
25,2700	I' 77626 0	C' 74135 0	I' 50015 0	C' 03725 1	C' 52737 0	I' 77600 1	C' 52733 1	C' 03725 1
25,2710	I' 77776 1	34753 1	54003 0	34763 1	55064 0	05301 0	C' 00474 0	34763 1
25,2720	05103 0	33024 1	55645 0	06006 1	I' 43145 0	C' 03610 0	C' 03071 1	C' 17612 1
25,2730	C' 15176 0	C' 37175 0	C' 52365 0	I' 77745 1	C' 17363 1	C' 37725 0	C' 53213 1	I' 70545 1
25,2740	C' 03725 1	I' 52076 1	C' 52700 1	I' 41205 0	C' 03767 1	C' 15146 0	I' 41325 0	C' 03725 1
25,2750	C' 15146 0	I' 43325 1	C' 03660 1	C' 15252 0	I' 41205 0	C' 03662 0	C' 15254 0	I' 56271 0
25,2760	C' 03656 1	C' 03767 1	I' 55221 0	I' 77615 0	C' 03767 1	C' 37767 0	C' 52776 0	C' 17175 1
25,2770	C' 03767 1	I' 77716 1	C' 17666 1	C' 15332 1	I' 77650 1	C' 52553 0	I' 56342 1	C' 03616 0



OCTAL LISTING FOR PARAGRAPH J 146, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" DENOTES UNUSED FIXED MEMORY
ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACA (CONSTANTS)

25,3000	I' 72421 0	C' 15330 0	I' 45316 1	C' 03704 1	I' 43471 1	C' 03620 0	06006 1	I' 45014 0
25,3010	C' 03271 0	C' 53014 1	I' 77650 1	C' 52385 0	I' 77745 1	C' 15332 1	C' 17612 1	C' 15156 1
25,3020	C' 17642 1	C' 15150 1	C' 03725 1	I' 77616 0	C' 53570 0	I' 77634 0	C' 54440 0	I' 45345 1
25,3030	C' 03640 0	C' 15220 0	I' 43040 1	C' 53035 1	C' 03070 0	I' 45345 1	C' 03674 1	C' 00326 0
25,3040	I' 71244 0	C' 53252 1	C' 03640 0	I' 50025 0	C' 03175 1	C' 53305 1	I' 51145 0	C' 03700 0
25,3050	C' 53057 0	I' 45345 1	C' 03674 1	C' 03767 1	I' 50025 0	C' 15164 0	C' 53325 0	I' 77745 1
25,3060	C' 03640 0	I' 50025 0	C' 00330 1	C' 53067 0	I' 52145 0	C' 03624 1	C' 53517 1	I' 41345 0
25,3070	C' 03640 0	C' 03620 0	I' 75415 0	C' 03704 1	I' 41221 0	C' 17363 1	C' 03616 0	C' 01160 1
25,3100	I' 41221 0	C' 00326 0	C' 03725 1	C' 15156 1	C' 03672 1	I' 50025 0	C' 01160 1	C' 53126 1
25,3110	I' 41406 0	I' 56205 0	C' 03660 1	C' 03662 0	I' 41215 1	C' 17357 0	C' 15254 0	I' 41205 0
25,3120	I' 77671 1	C' 03656 1	I' 44271 0	C' 01160 1	C' 01156 1	C' 01156 1	I' 45345 1	C' 03640 0
25,3130	C' 15312 0	I' 50004 0	C' 57343 1	C' 53144 0	I' 45345 1	C' 03664 0	C' 03175 1	I' 45325 1
25,3140	C' 03640 0	C' 03175 1	I' 45471 1	C' 74163 0	I' 77745 1	C' 03700 0	I' 41225 1	C' 01156 1
25,3150	C' 03614 1	I' 43271 1	C' 15210 0	C' 03674 1	I' 41225 1	C' 01160 1	C' 03614 1	I' 41471 0
25,3160	C' 15212 1	I' 51400 1	C' 53464 1	I' 50025 0	C' 15274 1	C' 53172 0	I' 43205 1	C' 15152 0
25,3170	C' 15274 1	I' 41565 1	I' 42545 0	I' 77615 0	C' 03725 1	I' 41400 0	C' 53464 1	C' 17634 0
25,3200	C' 03640 0	I' 50025 0	C' 15216 0	C' 53520 0	I' 71214 0	C' 03273 1	I' 71244 0	C' 53520 0
25,3210	C' 15332 1	C' 37634 1	C' 53520 0	I' 77745 1	C' 03610 0	C' 17612 1	C' 15176 0	C' 03175 1
25,3220	I' 47131 1	C' 03646 0	C' 52365 0	C' 54505 0	I' 77604 0	C' 57343 1	I' 41345 0	C' 03654 0
25,3230	C' 03706 0	I' 41325 0	C' 15262 0	C' 03710 1	I' 43271 1	C' 03674 1	C' 03700 0	I' 43205 1
25,3240	C' 15226 0	I' 77725 1	C' 03710 1	I' 77621 1	C' 03640 0	I' 43205 1	C' 15224 1	I' 52061 1
25,3250	C' 20211 1	C' 53175 1	I' 77604 0	C' 57343 1	I' 54345 1	C' 03624 1	C' 20611 0	I' 45325 1
25,3260	C' 03674 1	C' 00326 0	I' 43205 1	C' 03624 1	C' 03700 0	I' 43205 1	C' 15226 0	I' 45325 1
25,3270	C' 00326 0	C' 03674 1	I' 41316 0	C' 03624 1	I' 65271 0	C' 15272 1	C' 00326 0	I' 56316 0
25,3300	C' 03622 1	I' 45265 1	C' 00330 1	I' 77650 1	C' 53243 1	I' 66234 1	C' 54473 0	C' 03646 0
25,3310	C' 53311 1	I' 45345 1	C' 15166 1	C' 03640 0	I' 72240 1	C' 53325 0	C' 03316 0	I' 72214 0
25,3320	C' 03314 1	C' 53323 0	C' 15332 1	C' 37316 1	C' 54402 0	I' 47131 1	C' 03646 0	C' 53325 0
25,3330	C' 54477 1	I' 66214 0	C' 03067 0	C' 03646 0	C' 53335 1	I' 45345 1	C' 03674 1	C' 15214 1
25,3340	I' 77440 1	C' 53605 1	34753 1	54003 0	35656 1	55771 0	41673 0	51771 1
25,3350	63631 0	10000 0	11771 0	13345 1	64712 1	55646 0	51771 1	43631 1
25,3360	51771 1	63632 0	57646 1	22007 0	00006 1	11646 0	55651 0	34715 0
25,3370	55650 1	34720 0	27771 0	50000 1	43631 1	51771 1	63632 0	00006 1



OCTAL LISTING FOR PARAGRAPH J 147, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, "A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACA (CONSTANTS)

25,3400	71651 0	51771 1	63831 0	51650 0	55652 0	11650 1	13370 1	57653 0
25,3410	61637 1	00006 1	71657 0	52155 1	00006 1	41700 0	20001 1	20001 1
25,3420	20001 1	61655 0	00006 1	71656 1	61654 1	20155 1	30154 1	55770 1
25,3430	66006 1	I' 45242 1	C' 03702 1	I' 43014 0	C' 03305 1	C' 53462 1	C' 03747 0	C' 53445 1
25,3440	I' 43145 0	C' 13765 1	C' 03065 1	C' 37716 0	C' 53462 1	C' 03716 1	I' 77676 0	I' 56204 1
25,3450	C' 57343 1	C' 03653 1	I' 40061 1	C' 20206 1	C' 53464 1	I' 40015 1	C' 03626 0	C' 53464 1
25,3460	C' 37634 1	C' 53470 1	I' 77745 1	C' 13463 1	I' 41234 1	C' 45707 0	C' 03624 1	C' 03634 0
25,3470	I' 45345 1	C' 15160 1	C' 03640 0	I' 43244 1	C' 53520 0	C' 15160 1	I' 41240 1	C' 53515 0
25,3500	C' 15262 0	I' 41325 0	C' 03654 0	C' 15330 0	I' 41215 1	C' 03624 1	I' 56325 0	C' 15264 0
25,3510	C' 03622 1	I' 75415 0	I' 51015 1	C' 03700 0	C' 53520 0	I' 77745 1	C' 03624 1	C' 03634 0
25,3520	I' 77745 1	C' 03634 0	C' 17636 1	C' 03822 1	I' 77614 1	C' 03305 1	C' 53560 1	I' 43205 1
25,3530	C' 03632 0	C' 15242 1	I' 51525 1	C' 03634 0	I' 50025 0	C' 03630 1	C' 53545 0	I' 75345 1
25,3540	C' 03676 0	C' 03644 1	I' 71240 1	C' 53624 1	I' 41542 1	I' 75345 1	C' 03676 0	C' 03644 1
25,3550	I' 77625 0	I' 71240 1	C' 53560 1	C' 03644 1	I' 57414 1	C' 03210 1	C' 53560 1	C' 03644 1
25,3560	I' 56345 0	C' 03636 1	C' 03624 1	I' 65542 1	I' 43165 1	C' 03644 1	C' 03270 1	C' 03316 0
25,3570	I' 77776 1	34676 1	70102 0	00006 1	13600 0	31263 1	04555 0	C' 20621 0
25,3600	00004 0	10067 1	05057 0	04574 0	C' 77132 1	I' 77776 1	34753 1	54003 0
25,3610	34763 1	05027 1	C' 02511 0	C' 54066 0	05261 1	C' 00414 0	C' 10035 0	33623 0
25,3620	55645 0	06006 1	I' 77650 1	C' 54530 0	I' 75345 1	C' 03630 1	C' 03634 0	C' 37636 0
25,3630	C' 53560 1	C' 00474 0	C' 01235 1	C' 02337 1	C' 03721 0	C' 05230 0	C' 06213 1	C' 10550 0
25,3640	C' 11717 0	C' 13314 0	C' 14736 0	C' 16255 1	C' 16457 0	C' 25570 1	C' 77526 0	C' 77360 1
25,3650	C' 77106 0	C' 76516 1	C' 76071 0	C' 75570 1	C' 74661 0	C' 74436 0	C' 73212 1	C' 71640 0
25,3660	C' 54557 1	C' 40000 0	C' 40000 0	C' 77635 1	C' 77563 1	C' 77354 0	C' 76712 1	C' 76066 0
25,3670	C' 75322 0	C' 73237 0	C' 72104 1	C' 70301 1	C' 65635 1	C' 57311 0	C' 50575 0	C' 50575 0
25,3700	C' 74443 1	C' 74333 1	C' 74433 0	C' 74763 0	C' 75432 0	C' 75735 1	C' 76200 1	C' 75735 1
25,3710	C' 75140 0	C' 74075 0	C' 73312 0	C' 73732 0	C' 73732 0	C' 00015 0	C' 00066 1	C' 00206 0
25,3720	C' 00431 1	C' 00712 0	C' 01136 1	C' 02015 1	C' 02374 0	C' 03123 1	C' 04051 1	C' 05767 1
25,3730	C' 07476 0	C' 11324 1	C' 76272 1	C' 75472 1	C' 74604 0	C' 74210 1	C' 74052 0	C' 73735 1
25,3740	C' 73217 1	C' 73013 1	C' 73155 1	C' 74151 1	C' 76703 1	C' 77575 0	C' 77575 0	C' 00112 0
25,3750	C' 00204 1	C' 00407 1	C' 01113 0	C' 02161 0	C' 03260 0	C' 03717 0	C' 05411 0	C' 10057 1
25,3760	C' 13476 0	C' 20324 0	C' 21677 1	C' 21677 1	C' 16631 1	C' 06755 0	C' 03766 0	C' 03767 1
25,3770	QKSM 60227 0							



OCTAL LISTING FOR PARAGRAPH J 150, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACA (CONSTANTS)

26,2000	I' 77601 0	C' 00001 0	I' 41575 0	C' 15324 0	I' 41434 1	C' 45505 0	C' 38356 1	C' 55341 1
26,2010	C' 16766 1	C' 02356 0	C' 34041 0	C' 27045 0	I' 47375 0	C' 00007 0	C' 00001 0	I' 77656 1
26,2020	C' 24031 0	C' 00001 0	I' 57456 1	I' 41401 1	C' 00001 0	I' 77776 1	31751 0	74716 1
26,2030	00006 1	74700 0	56001 0	50120 1	54036 0	08006 1	I' 41335 1	C' 00037 0
26,2040	C' 14107 1	C' 38356 1	C' 54057 1	I' 77775 1	C' 00031 0	C' 16766 1	C' 14105 0	I' 77625 0
26,2050	C' 02356 0	C' 38356 1	C' 54057 1	I' 77775 1	C' 00001 0	C' 38766 0	C' 26260 1	I' 73545 1
26,2060	C' 02356 0	I' 47315 0	C' 02766 1	C' 00001 0	I' 72561 0	I' 50315 0	C' 02766 1	C' 00001 0
26,2070	I' 72561 0	C' 02766 1	I' 71525 0	C' 02356 0	I' 51315 1	C' 00015 0	C' 00001 0	I' 76561 1
26,2100	I' 53255 0	I' 40256 1	C' 00001 0	I' 43406 1	C' 05252 1	C' 25251 0	C' 01414 1	C' 06044 1
26,2110	I' 77774 0	C' 54161 0	I' 52170 0	C' 54143 0	C' 54126 0	I' 52170 0	C' 54162 0	C' 54126 0
26,2120	I' 52170 0	C' 54173 0	C' 54126 0	I' 76020 1	C' 00047 1	C' 54143 0	I' 54201 0	C' 00001 0
26,2130	C' 20617 0	I' 57571 0	C' 01707 0	I' 57571 0	C' 02034 1	I' 66261 1	C' 20221 1	C' 00051 0
26,2140	C' 00006 1	I' 77650 1	C' 00046 0	I' 41206 0	C' 02147 1	I' 71406 0	I' 65361 0	C' 02133 1
26,2150	I' 63356 1	C' 02133 1	I' 53406 0	I' 53435 0	C' 02141 1	I' 78435 1	I' 53361 0	I' 52172 1
26,2160	C' 00047 1	C' 14003 1	I' 63370 0	C' 00066 1	C' 02037 1	I' 52761 0	C' 00001 0	C' 02133 1
26,2170	I' 72500 1	C' 54165 1	I' 77616 0	I' 65370 0	C' 00060 1	C' 14214 0	I' 74206 0	C' 02037 1
26,2200	I' 77761 1	C' 00001 0	C' 14005 1	I' 41425 1	C' 14216 1	I' 53357 0	C' 02125 0	C' 00005 1
26,2210	I' 72500 1	C' 54200 1	I' 77616 0	C' 22000 1	C' 00000 1	C' 02000 0	C' 00000 1	34675 1
26,2220	55044 1	44712 0	55726 1	02543 1	32424 1	04555 0	C' 20763 1	04106 1
26,2230	02235 1	02224 1	05301 0	C' 00014 1	05112 0	22007 0	11726 1	34675 1
26,2240	12241 0	53716 1	08006 1	I' 77745 1	C' 01205 1	C' 37651 1	C' 52063 0	I' 77775 1
26,2250	C' 01171 1	C' 02327 0	I' 77656 1	C' 26343 1	C' 01177 1	C' 02335 0	I' 53435 0	C' 02343 1
26,2260	C' 03502 0	I' 45345 1	C' 03651 0	C' 01205 1	I' 45040 1	C' 54243 0	C' 54650 0	05425 1
26,2270	32423 0	04555 0	C' 20624 0	04106 1	02276 0	02270 0	06006 1	I' 45234 0
26,2300	C' 45505 0	C' 03651 0	I' 77615 0	C' 03733 0	C' 03727 0	I' 77776 1	32425 0	04555 0
26,2310	C' 20624 0	04106 1	02314 0	02276 0	05243 1	C' 00076 0	34712 1	54332 1
26,2320	02543 1	06006 1	I' 47131 1	C' 03325 0	C' 54402 0	C' 41645 0	00006 1	32431 0
26,2330	53223 1	34270 0	04555 0	C' 21031 0	04106 1	02340 1	02331 1	02232 0
26,2340	04574 0	C' 41565 1	32424 1	04555 0	C' 20624 0	02342 0	02350 0	02342 0
26,2350	05301 0	C' 04024 0	11726 1	34675 1	12355 1	55715 1	31411 1	22007 0
26,2360	53604 0	34712 1	55727 0	34745 0	55263 0	05435 0	C' 00134 1	41700 0
26,2370	74712 0	00006 1	12420 1	02406 1	34760 1	05027 1	C' 02406 1	C' 54066 0

OCTAL LISTING FOR PARAGRAPH J 151, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" A DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACA (CONSTANTS)

26,2400	05213 1	C' 54402 0	I' 52131 0	C' 00053 1	C' 53570 0	C' 20302 1	05243 1	C' 00077 1
26,2410	04555 0	C' 20607 1	32427 1	55724 0	32426 0	55283 0	44712 0	55727 0
26,2420	05301 0	C' 00004 0	05112 0	C' 01474 1	C' 01475 0	C' 01477 1	C' 01500 0	C' 52000 0
26,2430	C' 03373 0	C' 76087 1	05243 1	C' 00100 0	32437 0	55263 0	06030 1	C' 01504 1
26,2440	05243 1	C' 00101 1	34788 1	05027 1	C' 02458 1	C' 54062 1	05281 1	C' 00554 0
26,2450	C' 10035 0	06006 1	I' 47131 1	C' 03846 0	C' 53027 1	C' 52120 0	05447 0	C' 00134 1
26,2460	32472 1	04555 0	C' 20783 1	02460 1	02467 0	02460 1	02232 0	05435 0
26,2470	C' 00134 1	02420 0	C' 04195 1	05243 1	C' 00102 1	34745 0	02502 1	05243 1
26,2500	C' 00103 0	32510 1	55263 0	05435 0	C' 00134 1	05301 0	C' 00004 0	06030 1
26,2510	C' 01502 1	32542 0	04555 0	C' 20624 0	02517 0	02517 0	02511 0	46214 1
26,2520	00004 0	70102 0	54102 0	00003 1	00006 1	32642 0	53223 1	14106 0
26,2530	I' 43175 0	C' 01171 1	C' 00682 0	C' 16152 0	C' 01205 1	I' 45014 0	C' 01683 0	C' 26322 0
26,2540	I' 77634 0	C' 53803 1	C' 04103 1	00006 1	23773 0	04555 0	C' 17573 0	06006 1
26,2550	I' 45014 0	C' 00718 1	C' 54803 0	C' 27573 0	30155 0	55774 0	05140 1	C' 02584 1
26,2560	C' 54087 1	05301 0	C' 40434 0	05112 0	34760 1	05042 1	C' 02602 1	C' 54066 0
26,2570	00006 1	32642 0	53223 1	05261 1	C' 00454 1	C' 00415 1	34753 1	54003 0
26,2600	04574 0	C' 76604 1	06006 1	I' 77204 1	C' 57343 1	C' 01177 1	I' 64235 1	C' 01171 1
26,2610	C' 01738 1	I' 71258 0	C' 00160 0	I' 43240 0	C' 54821 0	C' 14644 1	I' 47004 0	C' 54640 1
26,2620	C' 54625 1	I' 43276 0	C' 14644 1	I' 77404 1	C' 54830 0	05537 0	C' 01426 0	02632 1
26,2630	05537 0	C' 01427 1	34743 0	04555 0	C' 20602 1	32645 1	04555 0	C' 01732 0
26,2640	01773 0	C' 03132 1	C' 76067 1	C' 22111 0	C' 17335 1	C' 01750 1	C' 00000 1	C' 13580 0
26,2650	I' 45345 1	C' 02020 1	C' 15000 0	I' 71244 0	C' 54774 1	C' 17345 0	I' 77624 1	C' 58750 0
26,2660	I' 45145 0	C' 15020 1	C' 57060 0	I' 77624 1	C' 58573 0	I' 77624 1	C' 55027 1	I' 45015 1
26,2670	C' 02020 1	C' 57060 0	I' 77676 0	C' 03733 0	C' 37727 1	C' 58573 0	I' 77624 1	C' 55027 1
26,2700	I' 77624 1	C' 56626 0	I' 77624 1	C' 56613 0	I' 77624 1	C' 56613 0	C' 37714 1	C' 55050 1
26,2710	I' 77605 1	I' 43265 1	C' 15026 1	C' 00001 0	C' 17725 1	C' 02241 1	I' 77615 0	C' 06482 1
26,2720	C' 34023 1	C' 55045 0	I' 45325 1	C' 00001 0	C' 15004 1	I' 83471 0	C' 15006 0	C' 00001 0
26,2730	I' 43205 1	C' 15010 1	I' 41215 1	C' 15012 0	C' 15014 0	I' 77725 1	I' 43271 1	C' 15024 0
26,2740	C' 17357 0	I' 77685 1	I' 51015 1	C' 15016 1	C' 54747 1	I' 77745 1	C' 15332 1	C' 17722 0
26,2750	C' 02241 1	I' 45015 1	C' 15022 0	C' 57060 0	I' 77624 1	C' 58573 0	I' 77624 1	C' 55027 1
26,2760	I' 73015 1	C' 15022 0	C' 03713 1	C' 34023 1	C' 55045 0	I' 67078 1	C' 00155 0	C' 17771 0
26,2770	I' 77626 0	C' 74010 0	I' 77634 0	C' 54267 0	I' 52145 0	C' 06456 0	C' 54656 0	C' 00002 0



OCTAL LISTING FOR PARAGRAPH J 152, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" A DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACA (CONSTANTS)

26,3000	C' 26244 1	C' 00052 0	C' 05716 1	C' 33335 1	C' 05707 1	C' 36365 1	C' 30244 0	C' 77113 1
26,3010	C' 42770 1	C' 77354 0	C' 65030 1	C' 21450 0	C' 00001 0	C' 01750 1	C' 00000 1	C' 00305 1
26,3020	C' 04541 0	C' 00003 1	C' 27040 0	C' 32525 1	C' 12525 0	C' 77777 0	C' 76601 1	I' 47315 0
26,3030	C' 02343 1	C' 03502 0	I' 76561 1	I' 74315 0	C' 02343 1	C' 00017 1	I' 45455 1	C' 74235 0
26,3040	I' 72441 0	C' 01714 1	C' 02156 1	I' 77650 1	C' 26437 0	I' 77657 0	C' 20201 0	C' 00021 1
26,3050	I' 41345 0	C' 00041 1	C' 00021 1	I' 45325 1	C' 00041 1	C' 00021 1	I' 56257 1	C' 20171 1
26,3060	I' 77625 0	C' 00025 0	I' 41566 1	I' 65271 0	C' 00037 0	I' 65205 0	C' 00021 1	C' 00035 1
26,3070	I' 56366 1	I' 65542 1	I' 77616 0	I' 56345 0	C' 03700 0	C' 15314 0	I' 41325 0	C' 03640 0
26,3100	C' 15316 1	I' 43271 1	C' 03674 1	I' 43205 1	C' 03640 0	C' 03640 0	C' 03640 0	I' 71214 0
26,3110	C' 03307 0	C' 55116 1	C' 03702 1	I' 52005 0	C' 15234 0	C' 52173 0	I' 45345 1	C' 03674 1
26,3120	C' 15322 0	I' 43044 0	C' 55124 0	C' 03066 1	I' 41345 0	C' 03702 1	C' 15236 1	I' 52071 0
26,3130	C' 03674 1	C' 52173 0	I' 52145 0	C' 16326 1	C' 52162 0	I' 51425 0	C' 16327 0	I' 75461 0
26,3140	C' 20216 0	I' 52005 0	C' 15246 0	C' 52226 0	C' 02525 1	C' 12525 0	C' 12525 0	C' 04631 1
26,3150	C' 23146 0	C' 03146 1	C' 14032 0	C' 06314 1	C' 31463 1	C' 76314 0	C' 71462 1	C' 05075 0
26,3160	C' 16051 1	C' 07777 1	C' 00000 1	C' 00236 0	C' 36763 0	C' 00204 1	C' 11303 1	C' 05260 0
26,3170	C' 05572 1	C' 12343 0	C' 21616 0	C' 01073 1	C' 31515 1	C' 00172 0	C' 03571 1	C' 00573 0
26,3200	C' 10230 1	C' 76226 0	C' 45761 0	C' 13132 0	C' 33062 0	C' 00160 0	C' 05104 1	C' 11322 1
26,3210	C' 32265 1	C' 75047 0	C' 72454 1	C' 00475 1	C' 35746 1	C' 06751 1	C' 27515 0	C' 05441 0
26,3220	C' 14412 0	C' 00022 1	C' 36641 1	C' 01003 0	C' 06315 0	C' 71435 0	C' 75516 1	C' 32047 0
26,3230	C' 24367 0	C' 37200 1	C' 05636 1	C' 00046 0	C' 13137 0	C' 00017 1	C' 30730 0	C' 00040 0
26,3240	C' 30447 0	C' 00000 1	C' 17565 1	C' 01727 1	C' 20103 1	C' 00121 0	C' 17460 0	C' 00400 0
26,3250	C' 00000 1	C' 01252 0	C' 25253 1	C' 24385 1	C' 30244 0	C' 77152 1	C' 51354 1	C' 00336 1
26,3260	C' 21610 0	C' 00433 0	C' 02775 0	C' 00000 1	C' 20017 0	C' 77765 0	C' 70243 0	C' 31463 1
26,3270	C' 06315 0	C' 00541 1	C' 33575 0	C' 00146 1	C' 14632 0	C' 00052 0	C' 30013 0	C' 20411 1
26,3300	C' 03041 1	C' 20610 1	C' 10513 1	C' 11473 1	C' 02355 0	C' 00203 0	C' 02234 0	C' 16237 0
26,3310	C' 00146 1	C' 01456 1	C' 03450 0	C' 56232 1	C' 72332 0	C' 77000 1	C' 43741 1	C' 36702 1
26,3320	C' 21727 0	C' 10000 0	C' 00000 1	C' 00000 1	C' 00000 1	C' 00000 1	C' 00000 1	C' 20000 0
26,3330	C' 00000 1	C' 00000 1	C' 00000 1	C' 00000 1	C' 00000 1	C' 00000 1	C' 00000 1	C' 37777 1
26,3340	C' 37777 1	I' 46020 1	C' 00050 1	C' 55356 1	I' 77624 1	C' 55416 1	I' 77775 1	C' 02012 0
26,3350	I' 53235 0	C' 00001 0	C' 00001 0	I' 52105 1	C' 00025 0	C' 55404 1	I' 77624 1	C' 55570 0
26,3360	I' 77624 1	C' 55622 1	I' 76521 0	C' 00025 0	I' 77650 1	C' 55350 1	I' 46020 1	C' 00050 1
26,3370	C' 55410 1	I' 77624 1	C' 55416 1	I' 61375 1	C' 02012 0	C' 00025 0	I' 77772 0	I' 51235 1



OCTAL LISTING FOR PARAGRAPH J 153, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" A DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACA (CONSTANTS)

26,3400	C' 00001 0	C' 00001 0	I' 77721 0	C' 00025 0	I' 40372 0	C' 00001 0	I' 77650 1	C' 00050 1
26,3410	I' 77624 1	C' 55570 0	I' 77624 1	C' 55622 1	I' 77650 1	C' 55377 1	I' 40220 0	C' 00051 0
26,3420	C' 00011 1	I' 77770 1	C' 00005 1	I' 65345 0	C' 15652 1	C' 15644 0	I' 45006 0	C' 55543 0
26,3430	I' 71406 0	C' 14041 1	I' 77756 0	C' 14043 0	C' 15650 0	I' 41525 0	C' 15642 0	I' 45170 0
26,3440	C' 00004 0	C' 55543 0	C' 14027 1	C' 15646 1	I' 41525 0	C' 15640 1	I' 45170 0	C' 00005 1
26,3450	C' 55543 0	I' 71406 0	I' 77606 1	C' 00025 0	I' 76405 1	C' 00041 1	C' 14035 1	I' 76405 1
26,3460	C' 00043 0	C' 14037 0	I' 41556 1	I' 77676 0	C' 14033 1	C' 00027 1	C' 14007 0	I' 76405 1
26,3470	C' 00041 1	C' 14027 1	C' 00011 1	I' 76405 1	C' 00043 0	C' 14031 0	C' 15332 1	I' 57525 1
26,3500	C' 00043 0	I' 63325 0	C' 00041 1	C' 00033 1	I' 63361 0	C' 15636 0	C' 00011 1	I' 53361 0
26,3510	C' 15634 1	I' 77772 0	C' 24041 1	I' 63361 0	C' 15636 0	C' 00033 1	I' 52361 1	C' 15634 1
26,3520	I' 65372 1	C' 00007 0	I' 74346 0	C' 00011 1	I' 73525 1	C' 00007 0	I' 52361 1	C' 00025 0
26,3530	I' 77772 0	C' 14033 1	C' 00007 0	I' 74356 1	I' 71525 0	C' 00007 0	I' 53361 0	C' 00025 0
26,3540	I' 57572 0	C' 34025 1	C' 00051 0	I' 54345 1	C' 00007 0	C' 20617 0	I' 72371 1	C' 01707 0
26,3550	C' 00155 0	C' 14017 1	C' 00020 0	I' 77605 1	I' 43257 0	C' 20206 1	I' 67206 1	C' 00017 1
26,3560	I' 41261 1	C' 20212 1	C' 00013 0	I' 43257 0	C' 20213 0	I' 77600 1	C' 55567 0	I' 77616 0
26,3570	I' 40220 0	C' 00051 0	C' 00011 1	I' 77770 1	C' 00000 1	I' 65345 0	C' 01712 1	C' 15654 1
26,3600	I' 45006 0	C' 55543 0	I' 41401 1	C' 00023 0	I' 65346 0	C' 00023 0	I' 65356 1	C' 15332 1
26,3610	I' 73525 1	C' 00023 0	I' 65276 1	C' 00023 0	I' 63346 0	C' 15332 1	I' 41525 0	C' 15330 0
26,3620	I' 77650 1	C' 00051 0	I' 57545 1	C' 01716 0	C' 14017 1	C' 01714 1	C' 14021 1	C' 15332 1
26,3630	C' 24023 0	C' 00017 1	I' 77616 0	C' 17775 1	C' 01734 0	C' 00333 1	C' 16153 1	C' 77665 1
26,3640	C' 42175 1	C' 22211 0	C' 00285 0	C' 77777 0	C' 77767 1	C' 41215 1	C' 66331 0	C' 15237 0
26,3650	C' 26751 0	C' 02052 1	C' 35713 1	C' 37116 0	C' 32630 0	05435 0	C' 00054 0	00004 0
26,3660	00006 1	30025 0	53151 1	03714 0	03657 0	52155 1	53153 0	00004 0
26,3670	04555 0	C' 16777 1	05447 0	C' 00007 0	05447 0	C' 00010 0	34700 1	00006 1
26,3700	05013 0	05301 0	C' 07024 0	C' 20000 0	C' 03734 1	C' 54102 0	34731 0	04555 0
26,3710	C' 20751 0	13706 1	13706 1	13706 1	00006 1	22156 0	04527 0	00003 1
26,3720	52155 1	34706 1	54001 1	34714 1	20155 1	44362 0	70155 1	56155 0
26,3730	74362 0	10000 0	24156 0	00156 0	44700 0	00006 1	03013 0	00004 0
26,3740	34714 1	54001 1	52025 1	03714 0	03737 1	00006 1	41153 0	20155 1
26,3750	34701 0	07256 1	34714 1	54156 1	07226 0	10154 0	03763 0	03763 0
26,3760	03761 1	34701 0	26154 0	00006 1	31151 0	20155 1	07226 0	52155 1
26,3770	20025 1	05447 0	C' 00054 0	04106 1	C' 03774 0	C' 03775 1	CKSM 53035 1	"



OCTAL LISTING FOR PARAGRAPH J 154, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A'A DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACA (CONSTANTS)

27,2000	04804 1	55146 1	34705 1	70101 0	10000 0	12013 0	06006 1	I' 77624 1
27,2010	C' 58126 1	C' 01158 1	I' 77776 1	32125 0	04555 0	C' 21036 1	02114 1	02023 1
27,2020	12052 0	02056 0	05112 0	34705 1	70101 0	10000 0	12034 0	06006 1
27,2030	I' 77624 1	C' 58126 1	C' 01156 1	I' 77776 1	34371 0	00006 1	06031 0	77707 1
27,2040	00006 1	12043 0	12013 0	32125 0	04555 0	C' 20802 1	02056 0	04555 0
27,2050	C' 17547 1	12013 0	05447 0	C' 00124 0	31146 0	04577 0	40100 1	74677 1
27,2060	10000 0	00002 0	30002 0	54156 1	46214 1	60133 0	55053 1	05301 0
27,2070	C' 00071 1	34704 0	05415 1	00156 0	34706 1	70075 1	00006 1	12111 0
27,2100	05435 0	C' 00077 1	05435 0	C' 00024 1	34714 1	55303 1	34761 0	05103 0
27,2110	01053 0	05301 0	C' 00111 0	05112 0	31011 0	00006 1	12052 0	30100 0
27,2120	74677 1	00006 1	14106 0	04550 0	C' 20100 1	C' 01422 1	I' 40020 1	C' 03310 0
27,2130	C' 56131 1	I' 47164 1	C' 03320 0	C' 44376 0	C' 34032 1	C' 44405 0	I' 61375 1	C' 03357 0
27,2140	C' 03321 1	I' 77658 1	C' 00035 1	I' 53435 0	C' 03351 0	I' 57400 1	C' 56256 0	C' 17343 0
27,2150	C' 00045 0	I' 50025 0	C' 16327 0	C' 56256 0	I' 50375 0	C' 03351 0	C' 00035 1	I' 65552 0
27,2160	I' 77624 1	C' 44530 1	I' 75160 1	C' 03320 0	C' 03425 1	I' 77624 1	C' 44304 0	I' 51545 1
27,2170	C' 00007 0	I' 50025 0	C' 16314 0	C' 56246 1	I' 51545 1	C' 03351 0	I' 51025 1	C' 16316 1
27,2200	C' 56246 1	I' 77775 1	I' 77626 0	C' 50442 0	I' 77626 0	C' 50450 0	I' 77626 0	C' 50456 0
27,2210	C' 03327 1	I' 57444 1	C' 56213 1	I' 50035 1	C' 03351 0	C' 56222 0	I' 57575 1	C' 03351 0
27,2220	C' 37343 1	C' 56225 1	I' 77775 1	C' 03351 0	C' 03343 0	I' 51545 1	C' 03351 0	I' 51025 1
27,2230	C' 16320 1	C' 56235 0	I' 52145 0	C' 16324 0	C' 56237 1	I' 77745 1	C' 16322 0	I' 77624 1
27,2240	C' 44530 1	I' 75160 1	C' 03320 0	C' 03425 1	I' 77624 1	C' 44304 0	I' 45160 1	C' 00000 1
27,2250	C' 44655 1	I' 40234 0	C' 45547 0	C' 00001 0	I' 77650 1	C' 03310 0	I' 50375 0	C' 00035 1
27,2260	C' 03351 0	I' 72240 1	C' 56266 0	C' 00032 0	I' 77650 1	C' 03310 0	I' 47375 0	C' 03327 1
27,2270	C' 15330 0	I' 47256 0	C' 03351 0	I' 40056 0	C' 56310 0	C' 17343 0	C' 00045 0	I' 50025 0
27,2300	C' 16327 0	C' 56310 0	I' 77775 1	C' 03343 0	C' 17343 0	C' 15330 0	I' 77650 1	C' 56180 0
27,2310	I' 52175 0	C' 15330 0	C' 56304 0	C' 15555 0	C' 35172 0	C' 14113 1	C' 36326 0	C' 07701 0
27,2320	C' 35703 0	C' 04343 1	C' 21616 0	C' 03070 0	C' 34344 0	C' 00000 1	C' 00001 0	C' 00000 1
27,2330	34745 0	04555 0	C' 20624 0	15423 0	12336 1	12330 1	05435 0	C' 00124 0
27,2340	04555 0	C' 56000 1	15423 0	I' 45020 1	C' 02317 0	C' 27371 1	I' 43145 0	C' 01225 0
27,2350	C' 01472 1	C' 00041 1	I' 43014 0	C' 01673 1	C' 01676 1	I' 43014 0	C' 01474 1	C' 01635 0
27,2360	C' 02317 0	I' 77620 0	C' 01150 1	I' 77614 1	C' 01742 1	C' 30147 0	I' 50135 0	C' 03376 0
27,2370	C' 56406 0	I' 43014 0	C' 00710 1	C' 01150 1	C' 00752 1	C' 30147 0	I' 77776 1	05301 0



OCTAL LISTING FOR PARAGRAPH J 155, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, "A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIB (INTERPRETIVE OPERATOR WORDS) OR ACB (CONSTANTS)

27,2400	C' 00132 1	37683 0	05103 0	02407 0	I' 77620 0	C' 01150 1	I' 77776 1	34740 0
27,2410	04555 0	C' 01732 0	08008 1	I' 77650 1	C' 56363 1	I' 77776 1	00004 0	42472 0
27,2420	00006 1	03013 0	34334 1	00006 1	05013 0	00003 1	00006 1	30025 0
27,2430	53225 1	04555 0	C' 17514 1	02461 0	05520 0	06006 1	I' 50135 0	C' 03704 1
27,2440	C' 56447 0	I' 77605 1	C' 16475 0	I' 77614 1	C' 04467 0	C' 01257 0	I' 77616 0	I' 77776 1
27,2450	30154 1	74672 1	54154 0	06006 1	I' 77605 1	C' 16475 0	I' 52015 1	C' 16471 1
27,2460	C' 56443 1	05532 0	06006 1	I' 77745 1	C' 01225 0	C' 01152 0	I' 77650 1	C' 70523 1
27,2470	C' 00045 0	C' 01217 1	C' 00017 1	C' 40200 1	C' 00045 0	C' 01217 1	00006 1	04007 1
27,2500	54016 1	44714 0	54734 0	00006 1	22012 1	34704 0	70075 1	00006 1
27,2510	12520 0	30046 0	55703 0	34711 1	00006 1	02033 0	00006 1	12523 0
27,2520	34711 1	04574 0	C' 17454 1	34711 1	04574 0	C' 17467 1	I' 43174 1	C' 00000 1
27,2530	C' 00707 1	C' 56537 0	I' 43414 1	C' 04304 1	C' 56535 1	I' 43514 0	C' 77775 1	I' 43414 1
27,2540	C' 04303 0	C' 56542 1	I' 43514 0	C' 77775 1	I' 66370 0	C' 00044 1	C' 00051 0	C' 00006 1
27,2550	I' 77775 1	C' 15332 1	C' 08445 1	I' 76100 1	C' 56552 0	C' 00044 1	C' 06533 1	I' 67300 0
27,2560	C' 56556 1	C' 00001 0	C' 02401 0	C' 02411 1	C' 02421 1	I' 77735 0	C' 00002 0	C' 02511 0
27,2570	C' 02521 0	C' 02531 1	I' 77616 0	I' 70545 1	C' 00043 0	I' 41215 1	C' 15330 0	C' 00041 1
27,2600	I' 55205 0	C' 00021 1	C' 00045 0	I' 44246 1	C' 15330 0	C' 00017 1	I' 57516 1	I' 75415 0
27,2610	C' 15322 0	I' 43565 0	C' 00045 0	I' 77620 0	C' 03373 0	I' 45205 1	C' 15002 1	C' 03733 0
27,2620	C' 37606 0	C' 46225 0	I' 77624 1	C' 56626 0	I' 77650 1	C' 03373 0	I' 50375 0	C' 03542 1
27,2630	C' 03474 0	I' 65512 1	I' 77616 0	I' 71220 1	C' 00024 1	C' 03636 1	I' 44342 1	I' 65301 0
27,2640	C' 00050 1	I' 70525 1	C' 03646 0	I' 56221 0	I' 41257 1	C' 57577 0	C' 00035 1	I' 77657 0
27,2650	C' 20172 1	I' 50025 0	C' 31663 0	C' 56656 1	I' 52166 1	C' 56660 1	I' 77745 1	C' 31677 0
27,2660	I' 77650 1	C' 00024 1	00003 1	00006 1	22330 1	06006 1	I' 53135 0	C' 01502 1
27,2670	C' 56727 0	I' 77775 1	C' 01503 0	C' 25535 0	C' 01511 0	I' 77624 1	C' 23361 1	I' 51535 0
27,2700	C' 01502 1	I' 53025 0	C' 16740 0	C' 56710 1	I' 43174 1	C' 00000 1	C' 00223 1	C' 56713 1
27,2710	I' 43174 1	C' 00002 0	C' 00063 1	I' 50135 0	C' 01502 1	C' 56723 1	I' 77624 1	C' 26636 0
27,2720	I' 52014 0	C' 01671 0	C' 56725 1	I' 77624 1	C' 26711 1	I' 77614 1	C' 02676 1	I' 45131 0
27,2730	C' 01502 1	C' 00000 1	C' 27404 1	I' 77776 1	05301 0	C' 04026 1	00330 1	C' 00002 0
27,2740	C' 00000 1	I' 77420 1	C' 03538 1	05301 0	C' 04022 0	06006 1	I' 77650 1	C' 03536 1
27,2750	C' 00037 0	I' 53575 0	C' 02327 0	I' 77725 1	C' 00045 0	C' 00015 0	I' 77701 1	C' 00047 1
27,2760	C' 24041 1	C' 02335 0	I' 77761 1	C' 00037 0	C' 02372 0	I' 47361 0	C' 00041 1	I' 47572 1
27,2770	C' 14035 1	C' 15322 0	I' 63271 0	C' 00041 1	C' 02372 0	I' 57436 1	C' 00025 0	I' 43257 0

OCTAL LISTING FOR PARAGRAPH J 156, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" A DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACA (CONSTANTS)

27,3000	C' 20573 1	I' 77626 0	C' 77744 0	I' 41457 1	C' 20173 0	I' 75446 0	I' 77701 1	C' 00050 1
27,3010	C' 00031 0	I' 75316 1	I' 55254 1	C' 57015 1	C' 15322 0	C' 00027 1	I' 77616 0	I' 41345 0
27,3020	C' 00033 1	C' 00035 1	I' 57457 0	C' 20571 0	I' 51415 0	C' 17357 0	I' 43366 0	C' 15322 0
27,3030	I' 55206 0	C' 00035 1	I' 53657 0	C' 20601 1	C' 20572 0	C' 14017 1	I' 41005 1	C' 00027 1
27,3040	C' 57343 1	I' 53654 0	C' 57051 1	C' 57603 0	I' 40057 1	C' 57576 1	C' 57051 1	I' 77644 1
27,3050	C' 57053 0	I' 77745 1	C' 17363 1	C' 00021 1	I' 77616 0	I' 77614 1	C' 03436 0	C' 57062 1
27,3060	I' 77614 1	C' 03676 0	C' 00023 0	I' 77657 0	C' 20201 0	C' 00021 1	I' 44205 0	C' 00033 1
27,3070	C' 15322 0	I' 41206 0	C' 00021 1	I' 53725 1	C' 00035 1	C' 20573 1	I' 43276 0	I' 77657 0
27,3100	C' 20601 1	I' 71214 0	C' 03756 0	C' 57105 1	C' 15332 1	I' 75440 0	C' 57240 0	I' 41076 0
27,3110	C' 57343 1	C' 24045 0	C' 02372 0	I' 52441 1	C' 02327 0	C' 00017 1	I' 44240 1	C' 57140 0
27,3120	C' 00045 0	C' 14043 0	C' 00033 1	I' 44205 0	C' 00041 1	I' 51406 1	I' 40015 1	C' 17351 0
27,3130	C' 57151 0	I' 65345 0	C' 15332 1	I' 57545 1	C' 00033 1	I' 71240 1	C' 57245 0	I' 77616 0
27,3140	I' 77745 1	I' 45345 1	C' 00023 0	C' 00015 0	C' 14043 0	C' 00045 0	I' 52015 1	C' 00017 1
27,3150	C' 57125 0	I' 65215 1	C' 17353 1	C' 00043 0	I' 53605 1	C' 00031 0	C' 57201 0	I' 77671 1
27,3160	I' 40145 0	C' 00043 0	C' 57243 0	I' 45471 1	C' 77732 1	I' 63406 0	I' 41206 0	C' 00035 1
27,3170	I' 75261 0	C' 20206 1	C' 00045 0	C' 14045 0	I' 41206 0	C' 00033 1	I' 77657 0	C' 20201 0
27,3200	C' 00043 0	I' 41234 1	C' 57325 1	I' 44302 0	C' 00023 0	I' 41215 1	C' 00015 0	I' 51042 0
27,3210	C' 57231 0	I' 75206 1	C' 00017 1	I' 71244 0	C' 57235 1	C' 00027 1	I' 51076 1	C' 57235 1
27,3220	I' 77676 0	I' 56205 0	C' 17347 1	C' 00031 0	I' 53657 0	C' 57602 1	C' 57602 1	I' 43257 0
27,3230	C' 57576 1	I' 40005 0	C' 00037 0	C' 57241 1	I' 77616 0	I' 77745 1	I' 77650 1	C' 57231 0
27,3240	I' 77745 1	I' 43545 1	C' 17363 1	I' 77712 0	I' 41465 0	I' 45345 1	C' 00045 0	C' 00017 1
27,3250	C' 14013 0	I' 77626 0	C' 77732 1	I' 53605 1	C' 00027 1	C' 57576 1	I' 41206 0	C' 00045 0
27,3260	I' 41057 0	C' 57576 1	C' 45707 0	C' 00043 0	I' 41234 1	C' 57325 1	C' 00043 0	I' 45242 1
27,3270	C' 17355 1	I' 41405 0	I' 41345 0	C' 00045 0	C' 00015 0	I' 43312 0	C' 00017 1	C' 14045 0
27,3300	C' 00035 1	I' 53605 1	C' 00027 1	C' 57575 1	I' 53765 0	C' 00045 0	C' 57576 1	C' 14045 0
27,3310	C' 00027 1	I' 41366 1	C' 17347 1	I' 77615 0	I' 45257 0	C' 57577 0	C' 00013 0	I' 53605 1
27,3320	C' 00027 1	C' 57601 1	I' 52057 1	C' 57602 1	C' 57231 0	07171 1	C' 00004 0	C' 12525 0
27,3330	C' 12525 0	C' 71463 0	C' 57703 1	C' 04423 0	C' 17645 0	C' 74604 0	C' 43667 1	C' 01626 1
27,3340	C' 37256 1	C' 77404 1	C' 52071 0	06030 1	C' 24775 1	C' 30424 0	C' 06220 1	C' 37553 0
27,3350	C' 37777 1	C' 37700 1	C' 00000 1	C' 00100 0	C' 04000 0	C' 00000 1	C' 02000 0	C' 00000 1
27,3360	C' 00305 1	C' 11205 0	C' 37777 1	C' 37777 1	05301 0	C' 07026 1	C' 30000 1	C' 03675 0
27,3370	C' 56100 0	34712 1	54332 1	05243 1	C' 00033 1	50302 0	13377 0	13402 0

ALL VALID WORDS ARE LISTED									
27,3400	13405 1		13405 1	34711 1	54300 0	13430 1	33500 1	54156 1	33501 0
27,3410	04555 0	C'	20465 1	13875 1	13407 0	03471 0	44711 0	60304 0	00006 1
27,3420	63407 1		40304 1	64376 1	00006 1	63407 1	30304 0	54300 0	24303 1
27,3430	33645 0		60303 1	54156 1	33501 0	04555 0	C' 20465 1	13875 1	13433 1
27,3440	03471 0		40303 0	60300 1	00006 1	63446 1	13427 1	33477 0	54156 1
27,3450	33502 0		04555 0	C' 20465 1	13875 1	13503 0	03471 0	30330 1	00006 1
27,3460	63446 1		40330 0	60300 1	64712 1	00006 1	63446 1	33645 0	60330 1
27,3470	13432 0		40154 0	74705 0	10000 0	00002 0	50002 0	77771 0	C' 00330 1
27,3500	C' 00304 0	C'	05201 1	C' 05202 1	00004 0	30103 0	56001 0	34710 0	00006 1
27,3510	06001 0		54103 1	05301 0	C' 04026 1	00004 0	44711 0	60302 0	00006 1
27,3520	63527 1		00006 1	30305 1	52315 1	03552 0	04400 1	03875 0	34371 0
27,3530	05042 1	C'	03534 0	C' 56103 0	05112 0	06006 1	I' 77624 1	C' 27371 1	I' 77776 1
27,3540	05301 0	C'	04026 1	05435 0	C' 00236 0	00004 0	50302 0	13547 0	13706 1
27,3550	13615 1		13647 0	00006 1	22330 1	34714 1	22007 0	52025 1	52327 0
27,3560	34715 0		54001 1	40000 0	52765 1	00004 0	34714 1	22007 0	54156 1
27,3570	52315 1		52155 1	00006 1	30327 1	20155 1	00006 1	13605 0	34714 1
27,3600	52327 0		20025 1	05301 0	C' 04026 1	00330 1	07226 0	52155 1	20025 1
27,3610	05301 0	C'	04026 1	00004 0	50330 1	00001 0	30305 1	54003 0	74373 0
27,3620	54330 0		67714 1	60300 1	00006 1	13632 1	74702 1	10000 0	13743 0
27,3630	37714 1		60300 1	54154 0	50000 1	30306 1	54001 1	30154 1	60330 1
27,3640	50000 1		23400 1	10154 0	13832 1	13874 0	C' 00303 1	13874 0	34712 0
27,3650	70300 1		10000 0	13854 1	13743 0	44711 0	60300 1	54154 0	50000 1
27,3660	30305 1		22000 1	10154 0	54154 0	50000 1	30305 1	54003 0	74373 0
27,3670	50000 1		23400 1	10154 0	13856 0	02662 1	30301 0	05246 1	34714 1
27,3700	54332 1		03750 0	00006 1	34714 1	52765 1	05423 1	00006 1	40305 0
27,3710	52315 1		03552 0	03743 1	00006 1	40305 0	52317 0	00006 1	40305 0
27,3720	52321 0		05301 0	C' 04026 1	34714 1	22007 0	52317 0	21571 1	34714 1
27,3730	22007 0		52321 0	21643 0	34714 1	22007 0	52305 0	21710 1	27706 1
27,3740	05301 0	C'	04026 1	03674 1	04400 1	13874 0	04400 1	03750 0	05423 1
27,3750	44710 1		00006 1	03011 1	00002 0	C' 03754 1	C' 03755 0	CXSM 66445 1	"
27,3760	"		"	"	"	"	"	"	"
27,3770	"		"	"	"	"	"	"	"

OCTAL LISTING FOR PARAGRAPH J 160, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, S" DENOTES UNUSED PAGED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AI (INTERPRETIVE OPERATOR WORDS) OR AC (CONSTANTS)

30,2000	05447 0	C' 00010 0	05435 0	C' 00025 0	04555 0	C' 17573 0	06006 1	I' 77634 0
30,2010	C' 45505 0	C' 34041 0	C' 27045 0	I' 47375 0	C' 00007 0	C' 00001 0	I' 50256 0	C' 01744 1
30,2020	I' 77646 0	I' 65552 0	C' 03628 0	I' 77414 0	C' 02676 1	32162 0	04555 0	C' 20763 1
30,2030	04106 1	02036 0	02025 1	36214 0	05415 1	05112 0	42172 0	71751 1
30,2040	55751 1	06006 1	I' 77614 1	C' 01664 1	I' 43014 0	C' 00462 1	C' 04343 1	C' 60113 1
30,2050	I' 77614 1	C' 01463 1	I' 77776 1	32163 1	04555 0	C' 20763 1	04106 1	02064 1
30,2060	02053 0	34715 0	05415 1	05112 0	34715 0	54301 1	06006 1	I' 77624 1
30,2070	C' 60234 1	I' 45335 0	C' 02745 0	C' 20166 1	I' 45044 0	C' 60101 1	C' 76333 0	I' 77650 1
30,2100	C' 60120 1	I' 77624 1	C' 30206 0	I' 77776 1	05261 1	C' 00004 0	C' 05022 1	C' 13000 0
30,2110	06006 1	I' 77650 1	C' 60132 1	I' 43014 0	C' 01663 0	C' 03067 0	I' 77624 1	C' 60217 0
30,2120	I' 77776 1	05261 1	C' 00004 0	C' 05022 1	C' 13000 0	34715 0	54301 1	06006 1
30,2130	I' 77624 1	C' 30002 0	I' 77776 1	32164 0	04555 0	C' 20763 1	04106 1	02144 1
30,2140	02133 1	34715 0	05415 1	05112 0	06006 1	I' 77624 1	C' 60234 1	I' 77624 1
30,2150	C' 76333 0	I' 66744 0	C' 01330 0	C' 77724 0	C' 36750 0	C' 60255 0	I' 77776 1	05301 0
30,2160	C' 04022 0	02036 0	C' 01455 1	C' 01306 0	C' 01307 1	C' 00033 1	C' 00000 1	C' 01531 1
30,2170	C' 00077 1	C' 00700 0	C' 07000 0	I' 77634 0	C' 45505 0	C' 24007 0	C' 02026 1	C' 14001 0
30,2200	C' 15330 0	I' 77624 1	C' 55341 1	I' 77742 0	C' 02152 0	I' 77634 0	C' 45505 0	I' 77624 1
30,2210	C' 26322 0	I' 77650 1	C' 03667 0	I' 77624 1	C' 60217 0	I' 77650 1	C' 03667 0	I' 77420 1
30,2220	C' 03670 0	33656 1	04555 0	C' 20624 0	04106 1	02227 1	02221 1	06006 1
30,2230	I' 77624 1	C' 61345 1	I' 77650 1	C' 03670 0	I' 77776 1	31751 0	72170 1	55744 0
30,2240	31751 0	72172 0	55745 1	05435 0	C' 00141 0	31751 0	74675 0	00006 1
30,2250	12253 0	05447 0	C' 00141 0	06006 1	I' 77616 0	I' 66220 1	C' 03703 0	C' 00051 0
30,2260	C' 00006 1	I' 66331 0	C' 02747 1	C' 00001 0	C' 02751 0	C' 03537 0	I' 76144 1	C' 01330 0
30,2270	C' 00044 1	I' 77773 1	C' 77776 1	C' 07604 1	I' 60114 0	C' 77771 0	C' 60271 0	I' 77414 0
30,2300	C' 01464 0	04555 0	C' 16063 0	05261 1	C' 00004 0	C' 05022 1	C' 13000 0	06006 1
30,2310	I' 43170 0	C' 00000 1	C' 04343 1	C' 60316 0	I' 77710 1	C' 77775 1	I' 40330 0	C' 03673 0
30,2320	C' 00001 0	I' 77624 1	C' 27371 1	I' 77624 1	C' 61326 1	I' 43014 0	C' 01751 0	C' 60332 0
30,2330	C' 01635 0	C' 60357 0	I' 77614 1	C' 01676 1	I' 66370 0	C' 00154 1	C' 00051 0	C' 00006 1
30,2340	I' 77214 0	C' 02676 1	C' 15332 1	C' 06555 1	I' 67300 0	C' 60343 0	C' 02005 0	C' 02401 0
30,2350	C' 02411 1	C' 02421 1	I' 77735 0	C' 02006 0	C' 02511 0	C' 02521 0	C' 02531 1	I' 77614 1
30,2360	C' 02666 0	I' 77624 1	C' 61322 0	C' 34041 0	C' 27113 1	I' 77624 1	C' 61273 0	I' 66150 0
30,2370	C' 02750 1	C' 01242 1	I' 77624 1	C' 47110 1	C' 01235 1	I' 41535 1	C' 02747 1	I' 50535 1



OCTAL LISTING FOR PARAGRAPH J 161, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACs (CONSTANTS)

30,2400	C' 02746 0	I' 50442 0	I' 77625 0	I' 43030 0	C' 60720 1	C' 02706 1	C' 60728 1	I' 77624 1
30,2410	C' 56741 0	I' 77614 1	C' 01471 1	I' 43014 0	C' 02466 1	C' 01062 1	I' 43014 0	C' 00462 1
30,2420	C' 03307 0	C' 61070 1	I' 53575 0	C' 01207 0	C' 02152 0	I' 43014 0	C' 01663 0	C' 04343 1
30,2430	C' 60433 0	I' 77614 1	C' 01463 1	I' 77624 1	C' 26533 0	I' 77624 1	C' 61240 0	I' 70414 1
30,2440	C' 04343 1	C' 60442 0	C' 02635 0	I' 72441 0	C' 01235 1	C' 24037 0	C' 15332 1	I' 41401 1
30,2450	C' 00001 0	I' 65208 0	C' 15330 0	I' 77702 1	C' 00005 1	C' 00011 1	C' 24015 0	C' 01235 1
30,2460	C' 24023 0	C' 02635 0	I' 77624 1	C' 61303 0	I' 66370 0	C' 00022 1	C' 00051 0	C' 00006 1
30,2470	I' 70573 1	C' 03524 1	I' 77741 0	C' 00037 0	I' 45445 0	C' 70253 1	I' 76100 1	C' 60470 1
30,2500	C' 00044 1	I' 64373 1	C' 02445 0	C' 03502 0	I' 77732 1	C' 06621 1	I' 71300 1	C' 60501 0
30,2510	C' 00041 1	I' 60414 0	C' 04343 1	C' 60514 1	I' 57101 0	C' 00050 1	C' 00047 1	I' 41316 0
30,2520	C' 21650 1	I' 77742 0	C' 00041 1	I' 77770 1	C' 00022 1	I' 64373 1	C' 03524 1	C' 03502 0
30,2530	I' 53761 1	C' 00041 1	C' 57212 1	C' 05301 0	I' 77300 1	C' 60525 0	C' 01235 1	C' 34023 1
30,2540	C' 61303 0	I' 50545 0	C' 02241 1	I' 63471 0	C' 00037 0	I' 77605 1	C' 02010 1	C' 00041 1
30,2550	I' 77770 1	C' 00022 1	I' 74373 0	C' 03524 1	C' 00041 1	I' 77653 1	C' 01301 1	C' 05301 0
30,2560	I' 77775 1	C' 15332 1	C' 06643 0	I' 40100 1	C' 60552 0	C' 60566 1	I' 50145 1	C' 01277 1
30,2570	C' 60607 0	I' 53166 0	C' 60607 0	C' 16625 1	C' 01275 0	I' 40071 0	C' 02625 1	C' 60601 0
30,2600	C' 02623 1	I' 56345 0	C' 01273 0	C' 02625 1	I' 77600 1	C' 60607 0	C' 02621 0	I' 63545 0
30,2610	C' 02623 1	I' 50021 1	C' 01267 0	C' 60627 1	I' 53166 0	C' 60627 1	C' 16631 1	C' 02621 0
30,2620	I' 44205 0	C' 02623 1	C' 01265 1	I' 40071 0	C' 02631 1	C' 60627 1	C' 02627 0	I' 63545 0
30,2630	C' 02627 0	I' 63525 0	C' 02621 0	I' 77615 0	I' 50021 1	C' 01257 0	C' 60641 1	I' 77766 0
30,2640	C' 02635 0	I' 74575 0	C' 02621 0	C' 26621 0	C' 02627 0	I' 77762 1	C' 26627 0	C' 02635 0
30,2650	I' 77762 1	C' 02635 0	I' 77624 1	C' 61322 0	C' 03672 1	I' 77776 1	05301 0	C' 04022 0
30,2660	41746 1	61747 1	00006 1	63126 1	31746 0	64712 1	55300 1	31750 1
30,2670	64716 0	55301 0	05301 0	C' 04022 0	31300 0	55746 1	31301 1	55750 0
30,2700	06006 1	I' 77624 1	C' 27371 1	I' 77624 1	C' 61326 1	I' 43014 0	C' 02706 1	C' 60361 0
30,2710	C' 01676 1	I' 43014 0	C' 01751 0	C' 60361 0	C' 01476 0	I' 77614 1	C' 01635 0	C' 60361 0
30,2720	I' 77624 1	C' 61322 0	C' 27670 0	C' 01235 1	C' 35215 1	C' 60655 1	I' 77775 1	C' 01701 0
30,2730	C' 14001 0	C' 03672 1	C' 00007 0	I' 45135 1	C' 03674 1	C' 55366 1	I' 45006 0	C' 61322 0
30,2740	C' 00007 0	I' 45135 1	C' 03674 1	C' 55341 1	C' 01701 0	I' 40014 0	C' 02464 0	C' 60750 0
30,2750	I' 77651 0	C' 01207 0	C' 03531 0	I' 47256 0	C' 01235 1	I' 40056 0	C' 60652 0	C' 01245 0
30,2760	I' 43014 0	C' 02466 1	C' 00487 1	I' 43345 1	C' 21650 1	C' 21652 0	C' 27528 0	C' 03531 0
30,2770	I' 60246 1	C' 00047 1	I' 41316 0	C' 03526 0	I' 56070 0	C' 00046 0	C' 03673 0	I' 53670 0



OCTAL LISTING FOR PARAGRAPH J 162, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, "A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACA (CONSTANTS)

30,3000	C' 03673 0	C' 20601 1	I' 77751 1	C' 00155 0	C' 37526 1	C' 47047 1	I' 57575 1	C' 03502 0
30,3010	C' 37516 1	C' 75250 1	I' 77824 1	C' 56741 0	I' 43014 0	C' 01342 0	C' 61047 0	C' 01282 0
30,3020	I' 77624 1	C' 56741 0	I' 51575 1	C' 01257 0	I' 53750 0	C' 03673 0	C' 20601 1	C' 27502 0
30,3030	C' 01265 1	I' 53646 0	C' 20601 1	C' 03504 0	I' 77776 1	33655 1	04555 0	C' 20763 1
30,3040	04106 1	03046 0	03230 0	34710 0	05415 1	05112 0	06006 1	I' 77624 1
30,3050	C' 75462 0	I' 77824 1	C' 61273 0	I' 77414 0	C' 02744 1	C' 60852 0	05301 0	C' 04022 0
30,3060	06006 1	I' 77214 0	C' 02664 1	C' 01701 0	I' 77851 0	C' 01207 0	C' 37531 1	C' 60760 0
30,3070	I' 66370 0	C' 00066 1	C' 00051 0	C' 00006 1	I' 77775 1	C' 15332 1	C' 06643 0	I' 67300 0
30,3100	C' 61076 1	C' 02007 1	C' 02621 0	C' 02631 1	C' 02641 0	I' 43014 0	C' 01663 0	C' 04343 1
30,3110	C' 61113 0	I' 77614 1	C' 01463 1	I' 77624 1	C' 61322 0	I' 77624 1	C' 26373 1	I' 43175 0
30,3120	C' 02152 0	C' 04343 1	C' 61124 1	I' 77752 1	I' 77650 1	C' 60744 0	06006 1	I' 46135 1
30,3130	C' 02746 0	C' 61160 1	I' 77776 1	05301 0	C' 04022 0	08006 1	I' 77745 1	C' 03670 0
30,3140	C' 34041 0	C' 27022 1	I' 77775 1	C' 00017 1	C' 25207 0	C' 01215 0	C' 25235 1	C' 01701 0
30,3150	I' 43046 1	C' 04343 1	C' 61154 0	I' 77702 1	C' 36241 0	C' 61240 0	I' 77650 1	C' 61163 1
30,3160	I' 77624 1	C' 61322 0	C' 03670 0	I' 77214 0	C' 01663 0	C' 01701 0	I' 43014 0	C' 04343 1
30,3170	C' 61173 0	C' 01463 1	I' 77742 0	C' 16152 0	C' 03670 0	I' 77624 1	C' 26322 0	I' 77624 1
30,3200	C' 61336 0	I' 77776 1	33656 1	04555 0	C' 20624 0	03233 0	03210 1	03224 0
30,3210	06006 1	I' 70740 0	C' 02750 1	C' 00001 0	C' 24007 0	C' 01701 0	C' 00001 0	I' 45135 1
30,3220	C' 15330 0	C' 55366 1	C' 02026 1	I' 77776 1	06006 1	I' 77624 1	C' 61354 1	I' 77776 1
30,3230	06006 1	I' 77650 1	C' 03703 0	06006 1	I' 77624 1	C' 61354 1	I' 77776 1	04106 1
30,3240	I' 77201 1	C' 00001 0	C' 01207 0	I' 50256 0	C' 01235 1	I' 57552 1	I' 77606 1	I' 44316 0
30,3250	C' 21654 0	I' 43125 0	C' 02241 1	C' 04343 1	C' 61256 1	I' 77712 0	I' 56362 0	C' 00045 0
30,3260	I' 45316 1	I' 44366 1	I' 77605 1	C' 00045 0	C' 00041 1	I' 77761 1	C' 01235 1	I' 53352 0
30,3270	C' 01207 0	C' 01701 0	I' 77616 0	I' 77350 1	C' 03673 0	C' 01573 1	I' 53257 1	C' 20610 1
30,3300	C' 01607 1	C' 01207 0	I' 77616 0	C' 00031 0	I' 77131 1	C' 00052 0	C' 00002 0	C' 00006 1
30,3310	I' 77770 1	C' 00022 1	I' 73775 0	C' 00631 0	C' 77746 1	C' 07524 0	I' 61110 0	C' 77771 0
30,3320	C' 61312 0	I' 77616 0	I' 70740 0	C' 02750 1	C' 00001 0	I' 77616 0	I' 43014 0	C' 01476 0
30,3330	C' 01475 0	I' 43014 0	C' 01474 1	C' 01472 1	I' 43414 1	C' 01673 1	I' 77745 1	C' 01110 0
30,3340	C' 16362 1	C' 01106 1	I' 77742 0	C' 02360 0	I' 77616 0	I' 77745 1	C' 02362 1	C' 15110 0
30,3350	C' 02360 0	I' 77752 1	C' 01106 1	I' 77616 0	I' 40220 0	C' 01214 1	C' 00001 0	I' 41575 0
30,3360	C' 15332 1	I' 41406 0	I' 77731 1	C' 00017 1	C' 00072 1	I' 66150 0	C' 00016 0	C' 00012 1
30,3370	I' 77624 1	C' 61606 0	I' 77750 0	C' 00010 0	C' 06641 1	I' 66110 1	C' 00002 0	C' 00010 0



OCTAL LISTING FOR PARAGRAPH J 163, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, "A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIs (INTERPRETIVE OPERATOR WORDS) OR sCs (CONSTANTS)

30,3400	I' 46135 1	C' 00013 0	C' 61417 1	I' 77625 0	C' 21646 0	C' 00013 0	I' 46025 1	C' 21644 1
30,3410	C' 61413 0	I' 77650 1	C' 61370 1	I' 52131 0	C' 00013 0	C' 00004 0	C' 61370 1	I' 46135 1
30,3420	C' 00017 1	C' 61438 1	I' 77625 0	C' 21646 0	C' 00017 1	I' 46025 1	C' 21644 1	C' 61432 0
30,3430	I' 77650 1	C' 61365 0	I' 52131 0	C' 00017 1	C' 00004 0	C' 61365 0	I' 77624 1	C' 56741 0
30,3440	I' 77331 0	C' 00017 1	C' 00072 1	C' 15332 1	C' 00011 1	I' 66370 0	C' 00154 1	C' 00051 0
30,3450	C' 00008 1	C' 06555 1	I' 77700 0	C' 61451 0	I' 66150 0	C' 00016 0	C' 00012 1	I' 77624 1
30,3460	C' 61606 0	I' 43750 1	C' 00010 0	C' 02841 0	I' 66110 1	C' 00002 0	C' 00010 0	I' 54140 0
30,3470	C' 00012 1	C' 00014 1	I' 71244 0	C' 61477 1	C' 15332 1	I' 77650 1	C' 61500 0	I' 77766 0
30,3500	C' 06401 1	C' 14001 0	C' 00017 1	I' 77630 1	C' 61572 0	I' 46135 1	C' 00013 0	C' 61550 0
30,3510	I' 77625 0	C' 21646 0	C' 00013 0	I' 46025 1	C' 21644 1	C' 61520 1	I' 77650 1	C' 61523 1
30,3520	I' 77731 1	C' 00013 0	C' 00004 0	I' 77624 1	C' 61606 0	I' 43750 1	C' 00010 0	C' 02641 0
30,3530	I' 62071 0	C' 00001 0	C' 00002 0	I' 70130 1	C' 00010 0	C' 00012 1	I' 40060 0	C' 00014 1
30,3540	C' 61543 1	I' 77650 1	C' 61545 1	I' 77745 1	C' 15332 1	C' 06401 1	I' 77650 1	C' 61505 0
30,3550	I' 62150 1	C' 00014 1	C' 00006 1	I' 67330 0	C' 00014 1	C' 00017 1	I' 77625 0	C' 21646 0
30,3560	C' 00017 1	I' 46025 1	C' 21644 1	C' 61566 0	I' 77650 1	C' 61454 0	I' 52131 0	C' 00017 1
30,3570	C' 00004 0	C' 61454 0	I' 77624 1	C' 56741 0	I' 66370 0	C' 00066 1	C' 00051 0	C' 00006 1
30,3600	I' 77775 1	C' 15332 1	C' 06643 0	I' 52100 1	C' 61602 1	C' 01214 1	I' 40131 0	C' 00007 0
30,3610	C' 00377 1	C' 61612 0	I' 71140 1	C' 00012 1	C' 00016 0	I' 41545 0	C' 15332 1	I' 56743 1
30,3620	C' 02401 0	C' 75376 1	I' 41415 1	I' 62000 0	C' 61640 1	C' 77771 0	I' 67314 0	C' 77771 0
30,3630	C' 00007 0	I' 70430 1	C' 61638 0	C' 00007 0	I' 77650 1	C' 61617 0	I' 77745 1	I' 77616 0
30,3640	I' 77614 1	C' 01631 1	C' 61638 0	C' 00064 0	C' 00000 1	C' 00002 0	C' 00000 1	C' 10306 0
30,3650	C' 36750 0	C' 00253 0	C' 31436 1	C' 10000 0	C' 00000 1	C' 01461 0	C' 01531 1	C' 04000 0
30,3660	C' 00000 1	C' 00707 1	C' 03434 1	I' 45020 1	C' 03730 0	C' 27022 1	I' 66134 1	C' 03746 1
30,3670	C' 03745 1	I' 77775 1	C' 00001 0	C' 03632 0	C' 27570 0	C' 00007 0	C' 03640 0	C' 03576 0
30,3700	I' 67201 0	C' 00001 0	C' 15332 1	I' 43125 0	C' 21660 1	C' 03705 0	C' 61711 1	I' 77745 1
30,3710	C' 21662 0	I' 45006 0	C' 22000 1	I' 52001 1	C' 00001 0	C' 03730 0	I' 45175 0	C' 03632 0
30,3720	C' 77256 0	I' 70372 0	C' 21761 1	I' 52315 1	C' 03612 1	C' 03713 1	I' 52341 0	C' 21761 1
30,3730	I' 72561 0	C' 03703 0	C' 24015 0	C' 03721 0	I' 41456 0	I' 74241 0	C' 00015 0	C' 00001 0
30,3740	I' 51352 1	C' 00015 0	C' 14015 0	C' 03727 0	I' 56261 1	C' 21605 1	C' 03076 0	I' 63316 0
30,3750	C' 00015 0	I' 77638 1	I' 75421 1	I' 76561 1	I' 53455 0	C' 00015 0	C' 37713 0	C' 03657 0
30,3760	C' 01440 0	C' 00000 1	I' 45020 1	C' 02321 0	C' 55341 1	I' 70414 1	C' 01743 0	C' 61770 0
30,3770	C' 16152 0	C' 23534 1	I' 77624 1	C' 26322 0	I' 77650 1	C' 02321 0	C' 03776 1	CKSM 72005 1



OCTAL LISTING FOR PARAGRAPH J 164, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" A DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED A1A (INTERPRETIVE OPERATOR WORDS) OR ACB (CONSTANTS)

31,2000	I' 77776 1	30036 1	50120 1	54011 0	30035 1	50120 1	54013 1	30120 1
31,2010	66211 0	40000 0	50120 1	54046 1	06008 1	I' 77624 1	C' 46000 0	C' 34015 1
31,2020	C' 73232 0	05447 0	C' 00010 0	05261 1	C' 00004 0	C' 00012 1	34760 1	55056 1
31,2030	06006 1	I' 43131 0	C' 00302 0	C' 00001 0	C' 00666 1	I' 66214 0	C' 00665 1	C' 00305 1
31,2040	C' 00000 1	I' 43131 0	C' 00303 1	C' 00000 1	C' 03267 1	I' 77414 0	C' 04664 1	06008 1
31,2050	I' 45014 0	C' 01702 0	C' 62060 0	C' 76360 0	I' 77624 1	C' 31322 0	I' 77650 1	C' 62236 1
31,2060	I' 77414 0	C' 04665 0	33050 1	04555 0	C' 20624 0	04106 1	02070 1	02062 1
31,2070	31751 0	00006 1	12074 1	02075 1	31752 0	74703 0	00006 1	12104 1
31,2100	06006 1	I' 52014 0	C' 01463 1	C' 62107 0	06006 1	I' 77614 1	C' 01663 0	I' 41535 1
31,2110	C' 00736 0	I' 41335 1	C' 23055 0	I' 66150 0	C' 00155 0	C' 00302 0	I' 77624 1	C' 30000 1
31,2120	C' 02617 0	I' 77776 1	31751 0	73052 1	55753 0	31752 0	00006 1	12144 0
31,2130	74706 0	00006 1	12137 1	06006 1	I' 52014 0	C' 00064 0	C' 62142 1	06006 1
31,2140	I' 77614 1	C' 00264 1	I' 77776 1	02156 1	31753 1	00006 1	12150 0	02156 1
31,2150	33047 1	04555 0	C' 20624 0	04106 1	02156 1	02150 1	06006 1	I' 77414 0
31,2160	C' 04705 1	C' 62265 1	33053 1	04555 0	C' 20751 0	04106 1	02173 0	02170 0
31,2170	06006 1	I' 77650 1	C' 62224 1	06006 1	I' 77634 0	C' 45505 0	C' 35225 1	C' 62272 1
31,2200	I' 53521 1	C' 01736 1	C' 27357 0	C' 23056 0	C' 03351 0	I' 77776 1	05447 0	C' 00124 0
31,2210	33063 1	54374 0	05301 0	C' 00012 1	04555 0	C' 56000 1	05301 0	C' 04022 0
31,2220	06006 1	I' 77614 1	C' 03307 0	C' 62226 0	I' 77624 1	C' 76360 0	I' 43014 0	C' 04464 0
31,2230	C' 03067 0	I' 77624 1	C' 30002 0	I' 43014 0	C' 04664 1	C' 03267 1	I' 77776 1	00004 0
31,2240	31330 0	74747 0	55242 0	00006 1	51242 1	30001 0	53225 1	51242 1
31,2250	30005 1	57754 0	00003 1	33051 0	04555 0	C' 20624 0	04106 1	02261 0
31,2260	02253 1	06006 1	I' 77414 0	C' 04465 1	02070 1	I' 45014 0	C' 02676 1	C' 62272 1
31,2270	I' 77650 1	C' 62364 1	I' 67220 0	C' 01150 1	C' 02752 0	I' 67230 1	C' 62307 1	C' 02754 0
31,2300	I' 45030 0	C' 62305 0	C' 63064 0	I' 77650 1	C' 62307 1	I' 77624 1	C' 61345 1	I' 71214 0
31,2310	C' 01711 1	C' 62315 1	C' 03001 0	C' 34001 1	C' 56544 1	I' 77624 1	C' 56343 0	I' 43014 0
31,2320	C' 01751 0	C' 62323 1	C' 01476 0	I' 45014 0	C' 01471 1	C' 27113 1	I' 77776 1	05301 0
31,2330	C' 04022 0	06006 1	I' 77624 1	C' 62767 0	I' 77214 0	C' 00345 0	C' 62341 0	C' 02272 1
31,2340	C' 03627 1	I' 46135 1	C' 02752 0	C' 62353 0	I' 77614 1	C' 00462 1	I' 45145 0	C' 01225 0
31,2350	C' 26373 1	I' 77650 1	C' 62355 0	I' 77624 1	C' 62527 0	C' 03665 1	I' 40251 0	C' 03627 1
31,2360	C' 00001 0	C' 03657 0	I' 77650 1	C' 01150 1	I' 41456 0	I' 77775 1	C' 00043 0	C' 24037 0
31,2370	C' 03635 1	I' 54361 1	C' 23030 0	C' 20620 1	I' 77655 1	I' 77656 1	C' 27643 0	C' 03635 1



OCTAL LISTING FOR PARAGRAPH J 165, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, "A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED A_B (INTERPRETIVE OPERATOR WORDS) OR AC_B (CONSTANTS)

31,2400	I' 52342 0	C' 02141 1	I' 54361 1	C' 23030 0	C' 20816 1	I' 53455 0	C' 02617 0	C' 03651 0
31,2410	I' 72441 0	C' 03843 0	I' 77208 0	C' 03843 0	I' 57581 1	I' 53372 1	C' 03851 0	I' 77658 1
31,2420	C' 27502 0	C' 15332 1	C' 03510 0	C' 17516 0	C' 00001 0	I' 57526 1	I' 71208 0	C' 15332 1
31,2430	I' 77776 1	33041 1	54001 1	31754 0	00006 1	20001 1	54154 0	06006 1
31,2440	I' 67206 1	C' 01343 1	I' 77621 1	I' 43242 1	I' 41215 1	C' 23038 0	C' 00041 1	I' 52405 1
31,2450	C' 07107 0	I' 62414 1	C' 04343 1	C' 62454 0	C' 17524 1	C' 00037 0	I' 47005 1	C' 23045 1
31,2460	C' 45582 1	I' 77771 0	C' 23042 0	C' 03528 0	I' 45014 0	C' 02868 0	C' 75250 1	I' 77624 1
31,2470	C' 56741 0	I' 51575 1	C' 01265 1	I' 60414 0	C' 04343 1	C' 62478 0	C' 27504 0	C' 01257 0
31,2500	I' 77646 0	I' 60414 0	C' 04343 1	C' 62504 1	C' 03502 0	I' 77776 1	33046 0	04555 0
31,2510	C' 20763 1	02506 0	02521 0	02047 0	34710 0	05415 1	05301 0	C' 00012 1
31,2520	05112 0	06006 1	I' 45014 0	C' 00467 1	C' 75462 0	I' 77776 1	04106 1	I' 40220 0
31,2530	C' 03672 1	C' 00001 0	I' 65345 0	C' 01714 1	C' 01716 0	I' 63325 0	C' 15340 1	C' 02617 0
31,2540	I' 53435 0	C' 03627 1	C' 27621 1	I' 53435 0	C' 03621 1	C' 27605 1	C' 03621 1	I' 53435 0
31,2550	C' 03605 1	C' 03613 0	I' 50214 0	C' 01703 1	C' 62752 0	C' 00001 0	C' 36158 0	C' 28437 0
31,2560	I' 65215 1	C' 01355 0	C' 23032 1	I' 41415 1	C' 01355 0	I' 64375 1	C' 03627 1	C' 03605 1
31,2570	I' 63372 1	C' 02617 0	I' 76521 0	C' 03605 1	I' 77725 1	C' 00003 1	C' 14043 0	C' 00005 1
31,2600	I' 77624 1	C' 62756 1	I' 41257 1	C' 20811 0	C' 00155 0	C' 14037 0	C' 00001 0	C' 14043 0
31,2610	C' 00007 0	I' 77624 1	C' 62756 1	I' 41257 1	C' 20811 0	C' 00155 0	I' 41415 1	C' 00037 0
31,2620	I' 75425 0	C' 23040 1	I' 77725 1	C' 00021 1	C' 14043 0	C' 00005 1	I' 77624 1	C' 62756 1
31,2630	I' 65257 1	C' 20822 0	C' 00007 0	I' 77624 1	C' 62756 1	I' 65257 1	C' 20822 0	C' 00021 1
31,2640	C' 14043 0	C' 00023 0	I' 77624 1	C' 62756 1	I' 77657 0	C' 20811 0	C' 14035 1	C' 00001 0
31,2650	C' 14043 0	C' 00003 1	I' 77624 1	C' 62756 1	I' 41257 1	C' 20801 1	C' 00035 1	I' 72405 0
31,2660	C' 00007 0	I' 77725 1	C' 00003 1	C' 14043 0	C' 00001 0	I' 77624 1	C' 62756 1	I' 41257 1
31,2670	C' 20801 1	C' 00035 1	I' 72405 0	C' 00005 1	I' 43325 1	C' 00025 0	C' 00031 0	I' 45325 1
31,2700	C' 00027 1	C' 00033 1	I' 40208 1	C' 00021 1	I' 45345 1	C' 00025 0	C' 00031 0	I' 43325 1
31,2710	C' 00027 1	C' 00033 1	I' 41525 0	C' 15332 1	C' 24041 1	C' 00035 1	I' 53451 1	C' 00005 1
31,2720	I' 63241 0	C' 00013 0	C' 00021 1	I' 53451 1	C' 00005 1	I' 41441 0	C' 00013 0	I' 50021 1
31,2730	C' 00027 1	C' 62740 0	I' 77614 1	C' 00304 0	C' 62744 1	I' 52175 0	C' 00035 1	C' 62746 0
31,2740	I' 52014 0	C' 00304 0	C' 62735 1	C' 62744 1	I' 77775 1	C' 00021 1	I' 76505 0	C' 03605 1
31,2750	I' 77650 1	C' 03672 1	I' 41545 0	C' 23034 1	I' 52008 0	C' 62565 0	I' 70501 1	C' 00047 1
31,2760	C' 14045 0	C' 00043 0	I' 55301 0	C' 00051 0	C' 00045 0	I' 43460 1	C' 00050 1	I' 77014 1
31,2770	C' 04343 1	C' 63001 0	C' 77775 1	I' 77614 1	C' 01743 0	C' 63005 1	I' 52014 0	C' 00285 0

OCAL LISTING FOR PARAGRAPH J 186, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A"8 DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED A18 (INTERPRETIVE OPERATOR WORDS) OR A88 (CONSTANTS)

31,3000	C' 63007 0	I' 43174 1	C' 00000 1	C' 01743 0	C' 62776 0	I' 77614 1	C' 00065 1	I' 44575 0
31,3010	C' 01573 1	I' 53257 1	C' 57176 0	C' 01607 1	I' 77657 0	C' 57176 0	C' 27627 1	C' 01601 1
31,3020	I' 53702 1	C' 57176 0	I' 53655 1	C' 01615 1	C' 57176 0	C' 03635 1	I' 77616 0	C' 26305 0
31,3030	C' 05432 1	C' 00302 0	C' 24533 1	C' 00065 1	C' 01265 1	C' 01604 1	C' 00000 1	C' 00000 1
31,3040	C' 02000 0	C' 00000 1	C' 01505 0	C' 14100 0	C' 00012 1	C' 27462 1	C' 01461 0	C' 01531 1
31,3050	C' 01306 0	C' 01307 1	C' 00077 1	C' 00202 1	C' 00006 1	C' 10461 0	C' 21675 0	C' 00000 1
31,3060	C' 00000 1	C' 15375 1	C' 02004 1	C' 62217 1	I' 77735 0	C' 02754 0	I' 45230 1	C' 63101 1
31,3070	C' 21646 0	I' 70152 0	C' 00154 1	I' 64743 0	C' 23705 1	C' 23623 1	I' 55523 0	C' 23541 0
31,3100	C' 01104 0	I' 77616 0	I' 71220 1	C' 03657 0	C' 03413 1	C' 34041 0	C' 27022 1	I' 67175 0
31,3110	C' 00007 0	C' 03746 1	C' 27640 0	C' 00001 0	C' 03632 0	C' 03540 0	I' 53435 0	C' 03640 0
31,3120	C' 36617 1	C' 72667 0	I' 61375 1	C' 03405 0	C' 00001 0	I' 66172 0	C' 03745 1	C' 03646 0
31,3130	I' 77646 0	C' 27654 0	C' 03632 0	I' 53315 0	C' 03646 0	C' 03640 0	I' 77624 1	C' 45312 0
31,3140	I' 77624 1	C' 45422 1	I' 77624 1	C' 46754 0	C' 16366 0	C' 00005 1	I' 77624 1	C' 45422 1
31,3150	I' 77624 1	C' 46754 0	C' 36364 0	C' 03657 0	I' 71220 1	C' 03657 0	C' 03413 1	C' 34041 0
31,3160	C' 61663 0	I' 63375 0	C' 03632 0	C' 03612 1	I' 77624 1	C' 45312 0	I' 77624 1	C' 45422 1
31,3170	I' 77624 1	C' 46754 0	C' 16366 0	C' 00005 1	I' 77624 1	C' 45422 1	I' 77624 1	C' 46754 0
31,3200	C' 26364 1	C' 03646 0	C' 00001 0	I' 45014 0	C' 01072 0	C' 10653 0	I' 77646 0	C' 17654 0
31,3210	C' 03423 1	I' 77615 0	C' 03413 1	C' 37656 0	C' 03657 0	06006 1	I' 77634 0	C' 45505 0
31,3220	C' 01046 1	I' 77776 1	33535 1	04555 0	C' 20465 1	05423 1	03230 0	03222 0
31,3230	06006 1	I' 43175 0	C' 02026 1	C' 00462 1	C' 14001 0	C' 23534 1	C' 14007 0	C' 23534 1
31,3240	I' 77614 1	C' 01463 1	I' 77624 1	C' 61762 0	I' 77745 1	C' 01106 1	C' 16353 0	C' 01046 1
31,3250	C' 34041 0	C' 27022 1	I' 77775 1	C' 00017 1	C' 02337 1	C' 26152 0	C' 00025 0	C' 16345 1
31,3260	C' 00015 0	C' 36323 0	C' 26322 0	I' 76145 0	C' 01106 1	C' 02352 1	C' 36335 1	C' 63414 0
31,3270	C' 01046 1	I' 77776 1	33536 1	04555 0	C' 20465 1	05423 1	03300 1	03272 0
31,3300	06006 1	I' 75170 0	C' 00005 1	C' 00002 0	I' 43134 0	C' 02324 0	C' 00462 1	I' 66730 0
31,3310	C' 02325 1	C' 23534 1	C' 16327 0	C' 15340 1	C' 02330 0	I' 54170 0	C' 63620 0	C' 02324 0
31,3320	I' 77624 1	C' 63414 0	C' 02321 0	I' 45014 0	C' 01463 1	C' 26322 0	I' 77754 1	C' 02324 0
31,3330	I' 44343 0	C' 54240 0	C' 01104 0	I' 41446 1	I' 51025 1	C' 02330 0	C' 63345 0	I' 45545 1
31,3340	C' 61447 1	C' 02321 0	C' 01046 1	I' 77734 1	C' 02333 0	I' 67114 1	C' 77775 1	C' 02324 0
31,3350	I' 45335 0	C' 00050 1	C' 02327 0	I' 52030 0	C' 63356 1	C' 63315 0	I' 70535 0	C' 02334 1
31,3360	I' 63144 0	C' 00154 1	C' 00001 0	I' 77534 0	C' 02751 0	33537 0	04555 0	C' 20504 1
31,3370	05423 1	03376 0	03404 1	34715 0	05415 1	05112 0	33535 1	04555 0



OCTAL LISTING FOR PARAGRAPH J 167, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" A DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACA (CONSTANTS)

31,3400	C' 20465 1	05423 1	03404 1	03376 0	06008 1	I' 66350 1	C' 02325 1	C' 00051 0
31,3410	C' 00001 0	I' 77500 1	C' 63307 0	05423 1	I' 66020 0	C' 02321 0	C' 02320 1	I' 77601 0
31,3420	C' 00001 0	I' 65375 0	C' 15324 0	C' 02323 1	I' 45125 0	C' 15340 1	C' 55341 1	I' 53515 0
31,3430	C' 02337 1	I' 47206 0	C' 00001 0	I' 53572 1	I' 47206 0	C' 00001 0	I' 53572 1	I' 47315 0
31,3440	C' 02337 1	C' 02345 1	I' 53572 1	I' 70125 0	C' 02335 0	C' 02320 1	I' 41223 1	C' 00001 0
31,3450	C' 23534 1	I' 73408 1	I' 76561 1	C' 00023 0	I' 71525 0	I' 76561 1	C' 00015 0	I' 47255 0
31,3460	I' 53572 1	C' 02152 0	I' 72441 0	C' 00007 0	C' 02734 0	I' 73526 1	C' 26732 0	C' 00007 0
31,3470	I' 50235 0	C' 02152 0	C' 00031 0	I' 71244 0	C' 63500 1	C' 02732 0	I' 77676 0	C' 02732 0
31,3500	I' 43175 0	C' 02337 1	C' 03466 0	C' 26657 1	C' 02345 1	C' 02746 0	I' 45160 1	C' 00012 1
31,3510	C' 24737 1	I' 43014 0	C' 04313 1	C' 63523 0	C' 04310 1	C' 63523 0	I' 43345 1	C' 02323 1
31,3520	C' 00037 0	I' 77650 1	C' 02321 0	I' 52145 0	C' 15332 1	C' 02321 0	C' 77763 0	C' 77751 1
31,3530	C' 77737 1	C' 77725 1	C' 77713 1	C' 37716 0	C' 33106 0	C' 01442 1	C' 01437 0	C' 01306 0
31,3540	C' 77406 0	C' 56241 0	C' 00043 0	C' 24640 0	C' 00046 0	C' 25716 0	C' 77741 0	C' 65060 1
31,3550	C' 00055 1	C' 20266 1	C' 77720 1	C' 46646 1	C' 77646 0	C' 57652 1	C' 00155 0	C' 07202 0
31,3560	C' 00466 0	C' 07373 1	C' 00050 1	C' 36561 0	C' 00070 0	C' 04130 1	C' 77662 0	C' 64143 0
31,3570	C' 77747 0	C' 67215 0	C' 00062 0	C' 32207 0	C' 00070 0	C' 34343 1	C' 77463 0	C' 46314 0
31,3600	C' 00004 0	C' 21505 1	C' 00271 0	C' 32622 0	C' 00101 1	C' 07343 1	C' 77574 1	C' 70656 0
31,3610	C' 00065 1	C' 03052 0	C' 77642 1	C' 66360 1	C' 00045 0	C' 05267 1	C' 77577 1	C' 71734 1
31,3620	C' 00130 0	C' 27711 0	C' 05120 1	C' 14712 0	C' 05076 0	C' 06264 1	C' 04453 1	C' 23531 1
31,3630	C' 03554 0	C' 33074 1	C' 03326 0	C' 25112 1	C' 03263 0	C' 00252 1	C' 03014 1	C' 34505 0
31,3640	C' 03007 0	C' 22564 0	C' 02740 0	C' 04432 0	C' 02531 1	C' 04017 0	C' 02066 0	C' 23501 1
31,3650	C' 01502 1	C' 13664 1	C' 01272 1	C' 23036 0	C' 00570 0	C' 37365 0	C' 00252 1	C' 25253 1
31,3660	C' 00000 1	C' 30213 1	C' 77703 0	C' 52142 1	C' 77254 1	C' 76114 1	C' 77173 1	C' 64334 1
31,3670	C' 76265 1	C' 51114 1	C' 75644 0	C' 77223 1	C' 75215 0	C' 72762 1	C' 74613 0	C' 76225 0
31,3700	C' 74571 1	C' 67600 0	C' 74174 0	C' 54550 0	C' 77777 0	C' 75752 0	C' 77777 0	C' 75752 0
31,3710	C' 77777 0	C' 76200 1	C' 77777 0	C' 76736 1	C' 77777 0	C' 77051 0	C' 77777 0	C' 77556 1
31,3720	C' 77777 0	C' 77556 1	C' 77777 0	C' 76370 1	C' 77777 0	C' 77102 1	C' 77777 0	C' 76426 0
31,3730	C' 77777 0	C' 74660 1	C' 00000 1	C' 04773 0	C' 00000 1	C' 06577 1	C' 00000 1	C' 04773 0
31,3740	C' 00000 1	C' 02741 1	C' 00000 1	C' 03643 0	C' 77777 0	C' 77053 1	C' 00000 1	C' 02234 0
31,3750	C' 00000 1	C' 02347 0	C' 00000 1	C' 00151 1	C' 00000 1	C' 00740 1	C' 00000 1	C' 01217 1
31,3760	C' 00000 1	C' 01301 1	C' 77777 0	C' 75337 1	C' 77777 0	C' 75470 0	C' 03766 0	C' 03767 1
31,3770	QKSM 40224 1	"	"	"	"	"	"	"



OCTAL LISTING FOR PARAGRAPH J 170, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" A DENOTES UNUSED FIXED MEMORY
ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACA (CONSTANTS)

32,2000	I' 65345 0	C' 27112 0	C' 02403 1	I' 57546 1	I' 73525 1	C' 02403 1	I' 74286 0	C' 26450 1
32,2010	C' 02405 1	I' 77634 0	C' 45505 0	C' 28443 0	C' 27112 0	C' 02650 0	I' 77618 0	C' 00011 1
32,2020	I' 45244 1	C' 64087 1	C' 16328 1	I' 45000 0	C' 64087 1	C' 55050 1	I' 45006 0	C' 56573 0
32,2030	I' 77624 1	C' 64075 1	I' 65525 0	C' 00017 1	I' 77615 0	C' 00005 1	C' 26350 0	C' 03401 1
32,2040	C' 15104 0	C' 15332 1	C' 15110 0	C' 01205 1	I' 71214 0	C' 03711 0	C' 64050 0	C' 02325 1
32,2050	I' 43225 0	C' 00011 1	I' 45014 0	C' 00882 0	C' 28373 1	I' 63256 0	C' 02327 0	I' 50256 0
32,2060	I' 65552 0	I' 77621 1	C' 02350 0	C' 38356 1	C' 27404 1	I' 77624 1	C' 46853 0	I' 65345 0
32,2070	C' 15330 0	C' 15332 1	I' 77606 1	C' 34011 0	C' 64038 0	I' 77775 1	C' 24251 1	C' 14045 0
32,2100	C' 00001 0	I' 50025 0	C' 24243 1	C' 64130 1	I' 65060 1	C' 00050 1	C' 00048 0	I' 45324 0
32,2110	C' 00050 1	C' 24231 1	I' 65040 0	C' 64130 1	C' 00050 1	I' 50025 0	C' 24241 0	C' 64130 1
32,2120	I' 65124 0	C' 00050 1	C' 00046 0	I' 50025 0	C' 24225 1	C' 64130 1	I' 77730 0	C' 00050 1
32,2130	I' 52110 0	C' 00001 0	C' 64135 1	I' 77730 0	C' 00050 1	I' 44745 1	C' 00001 0	C' 24240 1
32,2140	I' 42603 1	C' 24224 0	C' 24210 1	I' 60125 1	C' 00003 1	C' 64133 1	I' 55225 1	I' 50000 1
32,2150	C' 64167 0	C' 64167 0	I' 45325 1	C' 00001 0	C' 24251 1	I' 71244 0	C' 64184 0	C' 24245 1
32,2160	I' 77671 1	C' 00001 0	I' 43405 1	C' 00005 1	I' 52145 0	C' 24247 0	C' 64162 0	I' 52145 0
32,2170	C' 24173 1	C' 64152 0	C' 02755 1	C' 01307 1	C' 00013 0	C' 22652 0	C' 00005 1	C' 01642 0
32,2200	C' 00005 1	C' 01842 0	C' 77558 1	C' 53522 1	C' 00055 1	C' 20266 1	C' 00155 0	C' 07202 0
32,2210	C' 00000 1	C' 00000 1	C' 77730 0	C' 71525 0	C' 00000 1	C' 00000 1	C' 04445 0	C' 10102 0
32,2220	C' 03728 1	C' 31201 0	C' 01040 1	C' 28313 1	C' 00234 1	C' 01660 0	C' 25254 0	C' 01014 0
32,2230	C' 02222 1	C' 15646 1	C' 22223 1	C' 16457 0	C' 25254 0	C' 01014 0	C' 30304 0	C' 23351 1
32,2240	C' 03030 1	C' 22335 1	C' 20000 0	C' 00000 1	C' 00033 1	C' 05763 0	C' 00053 1	C' 38200 0
32,2250	C' 23637 1	C' 27638 1	C' 00012 1	C' 00010 0	C' 00006 1	I' 77420 1	C' 03762 1	30154 1
32,2260	05651 0	32271 1	04555 0	C' 20624 0	14106 0	12281 1	06006 1	I' 77650 1
32,2270	C' 03762 1	C' 01211 1	I' 43020 1	C' 03733 0	C' 03666 1	I' 67164 0	C' 20000 0	C' 02756 1
32,2300	I' 45140 0	C' 03734 1	C' 25552 1	C' 27710 1	I' 77628 0	C' 60121 0	C' 00037 0	C' 37724 1
32,2310	C' 03733 0	I' 77220 1	C' 03762 1	C' 03710 1	I' 65256 0	C' 00045 0	C' 17767 1	C' 03736 0
32,2320	I' 77625 0	C' 03413 1	C' 26641 0	C' 03656 1	I' 50256 0	I' 77752 1	I' 44328 0	C' 31655 0
32,2330	C' 27771 0	C' 03700 0	I' 41451 1	C' 03672 1	I' 57441 1	C' 03740 1	I' 41515 0	I' 63345 0
32,2340	C' 31677 0	I' 55441 0	C' 03746 1	I' 77772 0	C' 27405 0	C' 03656 1	C' 02657 1	I' 45246 0
32,2350	C' 31723 0	C' 26760 1	C' 03710 1	C' 36746 1	C' 64272 1	I' 53575 0	C' 03656 1	I' 53515 0
32,2360	C' 03710 1	I' 72441 0	I' 65336 1	C' 00045 0	I' 51525 1	I' 45006 0	C' 64075 1	I' 43215 0
32,2370	C' 03724 0	C' 03736 0	C' 14003 1	C' 00005 1	I' 77756 0	C' 17403 0	I' 77746 1	C' 03401 1



OCTAL LISTING FOR PARAGRAPH J 171, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED A" (INTERPRETIVE OPERATOR WORDS) OR A" (CONSTANTS)

32,2400	I' 53575 0	C' 03858 1	I' 41408 0	I' 53515 0	C' 03710 1	I' 47315 0	I' 53435 0	I' 63361 0
32,2410	C' 03403 0	I' 53361 0	C' 03401 1	I' 43014 0	C' 00662 0	C' 01863 0	C' 16152 0	I' 77824 1
32,2420	C' 28322 0	I' 77745 1	C' 01104 0	C' 17401 1	C' 01106 1	C' 37403 1	C' 03762 1	I' 71220 1
32,2430	C' 03782 1	C' 03413 1	C' 34041 0	C' 27022 1	I' 67175 0	C' 00001 0	C' 03755 0	C' 27640 0
32,2440	C' 00007 0	C' 17672 1	C' 00015 0	C' 03716 1	I' 53135 0	C' 03756 0	C' 64452 0	I' 52135 1
32,2450	C' 31736 1	C' 74772 0	I' 53575 0	C' 03840 0	C' 17740 1	C' 00045 0	C' 27648 0	C' 03672 1
32,2460	I' 77856 1	C' 03746 1	I' 72441 0	C' 03740 1	C' 03757 1	I' 45246 0	C' 31752 0	I' 71240 1
32,2470	C' 64477 1	C' 31655 0	I' 41525 0	C' 31677 0	I' 41466 0	I' 77850 1	C' 64503 0	I' 47375 0
32,2500	C' 03740 1	C' 03746 1	I' 77808 1	I' 41545 0	I' 77244 0	C' 64507 1	I' 41476 1	I' 77775 1
32,2510	I' 53435 0	C' 03740 1	C' 03746 1	I' 77850 1	C' 03762 1	I' 71220 1	C' 03762 1	C' 31705 1
32,2520	C' 17730 0	C' 03636 1	C' 03664 0	I' 77745 1	C' 31715 0	C' 17850 1	C' 31703 1	C' 37732 0
32,2530	C' 65103 0	I' 77824 1	C' 11527 1	I' 77745 1	C' 02742 1	C' 14033 1	C' 02744 1	C' 14035 1
32,2540	C' 00041 1	C' 14031 0	C' 03775 1	I' 77661 0	C' 20208 1	C' 03724 0	I' 43276 0	C' 03726 1
32,2550	I' 45246 0	C' 31760 1	I' 50000 1	C' 64555 0	C' 64736 1	I' 50145 1	C' 03732 1	C' 64563 0
32,2560	I' 52135 1	C' 31735 1	C' 65053 1	I' 53145 1	C' 03730 0	C' 64816 1	I' 42545 0	C' 00035 1
32,2570	I' 52525 1	C' 00033 1	I' 41205 0	C' 03754 1	I' 57512 0	I' 50015 0	C' 31655 0	C' 64802 1
32,2600	I' 52166 1	C' 64604 1	I' 77745 1	C' 31677 0	I' 43205 1	C' 03761 1	C' 31657 1	I' 60325 0
32,2610	C' 00035 1	C' 00047 1	I' 77865 1	I' 52057 1	C' 20175 0	C' 64624 0	I' 60345 0	C' 00031 0
32,2620	C' 00047 1	I' 53665 1	C' 03664 0	C' 20200 1	I' 45208 1	C' 31653 0	I' 77676 0	C' 03765 0
32,2630	I' 71240 1	C' 64642 0	C' 03724 0	I' 71240 1	C' 64640 1	C' 03765 0	I' 77676 0	C' 03765 0
32,2640	I' 77745 1	C' 03765 0	I' 45246 0	C' 31764 0	I' 71240 1	C' 64736 1	I' 72405 0	C' 00031 0
32,2650	I' 77606 1	I' 43345 1	C' 03732 1	C' 31675 1	C' 03732 1	I' 43175 0	C' 03656 1	C' 03466 0
32,2660	C' 26657 1	C' 03710 1	I' 77765 0	C' 03765 0	C' 16746 0	C' 31653 0	I' 57565 0	C' 03765 0
32,2670	I' 71354 0	C' 00154 1	I' 67140 0	C' 03734 1	C' 02756 1	C' 36760 0	C' 25552 1	I' 75345 1
32,2700	C' 00037 0	C' 03765 0	I' 60325 0	C' 03650 1	C' 00047 1	I' 53665 1	C' 00001 0	C' 20176 0
32,2710	I' 50006 1	C' 64716 0	I' 65345 0	C' 31715 0	I' 77650 1	C' 64720 0	I' 65345 0	C' 31707 0
32,2720	I' 45271 1	C' 00003 1	C' 31657 1	I' 71240 1	C' 64730 1	I' 77605 1	C' 03650 1	C' 00001 0
32,2730	I' 41545 0	C' 00001 0	C' 37650 0	C' 65065 1	I' 77650 1	C' 64531 1	I' 45345 1	C' 00031 0
32,2740	C' 03664 0	I' 51406 1	I' 50025 0	C' 31766 1	C' 65037 0	I' 53145 1	C' 03730 0	C' 64560 0
32,2750	I' 53025 0	C' 31705 1	C' 65005 1	I' 45345 1	C' 03670 0	C' 00031 0	I' 55301 0	C' 00050 1
32,2760	C' 03666 1	I' 41457 1	C' 57600 0	I' 40015 1	C' 31653 0	C' 64772 1	I' 45246 0	C' 31653 0
32,2770	I' 77640 0	C' 64775 0	I' 57545 1	C' 31715 0	I' 77725 1	I' 41345 0	I' 77712 0	C' 03666 1

OCTAL LISTING FOR PARAGRAPH J 172, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" A DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACA (CONSTANTS)

32,3000	I' 77615 0	C' 03636 1	C' 03636 1	I' 77650 1	C' 65024 1	I' 63545 0	C' 03664 0	I' 70501 1
32,3010	C' 00047 1	I' 60325 0	C' 00031 0	C' 00050 1	I' 55260 0	C' 00047 1	I' 77657 0	C' 20600 0
32,3020	C' 03636 1	I' 77625 0	C' 03664 0	C' 03666 1	I' 77745 1	C' 00031 0	C' 17670 0	C' 03730 0
32,3030	I' 77625 0	C' 31675 1	C' 37730 1	C' 65138 0	I' 52030 0	C' 64523 1	C' 65053 1	I' 45345 1
32,3040	C' 03726 1	C' 03724 0	I' 45246 0	C' 31770 0	I' 67240 0	C' 65051 0	C' 31737 0	I' 77650 1
32,3050	C' 65053 1	I' 77745 1	C' 31677 0	I' 77650 1	C' 03762 1	I' 45020 1	C' 03733 0	C' 27371 1
32,3060	I' 43175 0	C' 03640 0	C' 01473 0	I' 77650 1	C' 65111 0	I' 45020 1	C' 03733 0	C' 27371 1
32,3070	I' 77214 0	C' 01673 1	C' 03656 1	C' 25535 0	C' 03710 1	C' 15543 1	C' 03736 0	C' 01517 0
32,3100	I' 77615 0	I' 77650 1	C' 65117 0	I' 45020 1	C' 03733 0	C' 27371 1	I' 43175 0	C' 03640 0
32,3110	C' 01673 1	C' 25535 0	C' 03700 0	C' 15543 1	C' 03716 1	C' 15517 0	C' 03736 0	C' 00041 1
32,3120	I' 45014 0	C' 00263 0	C' 27066 1	I' 77775 1	C' 00001 0	C' 03656 1	I' 70125 0	C' 00015 0
32,3130	C' 03734 1	C' 27736 0	C' 00007 0	C' 03710 1	I' 77650 1	C' 03733 0	I' 77620 0	C' 00041 1
32,3140	I' 43001 1	C' 00001 0	C' 00272 0	I' 60345 0	C' 03636 1	C' 00047 1	I' 60325 0	C' 03646 0
32,3150	C' 00051 0	C' 00013 0	I' 56342 1	I' 65260 0	C' 00050 1	C' 03726 1	I' 77716 1	I' 43342 0
32,3160	C' 31653 0	C' 03754 1	I' 77605 1	C' 00001 0	C' 00035 1	I' 53605 1	C' 00001 0	C' 20172 1
32,3170	I' 45257 0	C' 20172 1	C' 31671 0	I' 65234 1	C' 45562 1	C' 31653 0	I' 57457 0	C' 20601 1
32,3200	I' 41215 1	C' 00001 0	C' 03646 0	I' 47057 0	C' 20172 1	C' 45562 1	I' 77725 1	C' 33770 1
32,3210	I' 70501 1	C' 00050 1	I' 56264 1	C' 00050 1	C' 00013 0	I' 65257 1	C' 57170 0	C' 03652 0
32,3220	I' 41406 0	I' 77624 1	C' 56633 1	I' 41476 1	I' 40476 0	I' 41525 0	C' 03654 0	I' 45006 0
32,3230	C' 56633 1	I' 50125 1	C' 03730 0	C' 65236 0	I' 77650 1	C' 65250 0	I' 77745 1	C' 03632 0
32,3240	I' 52054 1	C' 65243 1	C' 65344 1	I' 50145 1	C' 03757 1	C' 65344 1	I' 77650 1	C' 65352 0
32,3250	I' 47145 1	C' 31671 0	C' 45562 1	I' 65276 1	C' 31715 0	I' 45257 0	C' 20601 1	C' 00001 0
32,3260	I' 53605 1	C' 00035 1	C' 20172 1	I' 76257 0	C' 20172 1	I' 65234 1	C' 45562 1	C' 03722 0
32,3270	C' 00001 0	I' 77751 1	I' 53040 0	C' 65300 1	C' 65300 1	I' 52061 1	C' 20210 0	C' 65311 1
32,3300	I' 50145 1	C' 03761 1	C' 65322 1	I' 77676 0	C' 17761 1	C' 31705 1	C' 03730 0	I' 77650 1
32,3310	C' 65322 1	I' 47166 0	C' 45713 0	I' 50125 1	C' 03761 1	C' 65330 1	I' 45545 1	C' 77760 0
32,3320	I' 77676 0	C' 00013 0	I' 53145 1	C' 03722 0	C' 65344 1	I' 52040 1	C' 65344 1	C' 65352 0
32,3330	I' 53145 1	C' 03722 0	C' 65341 1	I' 71240 1	C' 65341 1	I' 77626 0	C' 77764 1	I' 77650 1
32,3340	C' 65352 0	I' 57545 1	I' 77626 0	C' 77760 0	I' 77745 1	C' 00013 0	C' 17722 0	C' 00015 0
32,3350	I' 52006 0	C' 65357 0	I' 77745 1	C' 00017 1	C' 17722 0	C' 00015 0	I' 41476 1	I' 77624 1
32,3360	C' 65500 1	I' 53145 1	C' 03632 0	C' 65476 1	I' 50025 0	C' 03706 0	C' 65371 1	I' 77650 1
32,3370	C' 65424 0	I' 50145 1	C' 03730 0	C' 65376 0	I' 77650 1	C' 65437 1	I' 53145 1	C' 03722 0

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED $\#I\#$ (INTERPRETIVE OPERATOR WORDS) OR $\#C\#$ (CONSTANTS)



OCTAL LISTING FOR PARAGRAPH J 174, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, "A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACB (CONSTANTS)

33,2000	03425 1	03132 1	05243 1	C' 00007 0	34714 1	55452 1	55643 0	32443 0
33,2010	55412 0	02302 1	34734 0	55644 1	32441 1	55074 1	06006 1	I' 77624 1
33,2020	C' 10617 0	I' 57546 1	I' 77752 1	C' 16447 1	C' 02403 1	I' 72556 1	C' 02445 0	I' 77776 1
33,2030	04555 0	C' 16516 1	02316 1	34714 1	55421 0	55450 0	55451 1	34375 1
33,2040	55655 1	32445 0	02356 0	34675 1	55713 1	08006 1	I' 73545 1	C' 02401 0
33,2050	C' 02724 1	C' 16734 0	C' 02401 0	I' 77746 1	C' 02726 0	I' 77676 0	C' 02732 0	I' 77776 1
33,2060	05253 0	C' 00003 1	12064 0	13432 0	06006 1	I' 77624 1	C' 47244 0	I' 77776 1
33,2070	04555 0	C' 16602 1	34675 1	70077 0	00006 1	12077 1	25421 1	05447 0
33,2100	C' 00056 1	02316 1	11421 0	02131 0	04555 0	C' 17012 1	02316 1	00006 1
33,2110	31657 1	05231 1	C' 02116 0	C' 66065 1	32121 1	05070 0	32121 1	05074 1
33,2120	05213 1	C' 66453 0	34714 1	55050 1	31514 0	55051 0	51423 0	55430 0
33,2130	02427 1	51421 1	02133 1	02417 1	34374 0	55412 0	34712 1	55547 1
33,2140	34714 1	51422 1	54037 1	55502 0	55506 1	02321 0	00004 0	34711 1
33,2150	05130 0	C' 02153 1	05112 0	00006 1	27412 0	31412 1	00006 1	62163 1
33,2160	34701 0	05130 0	C' 02153 1	34675 1	05042 1	C' 02170 0	C' 66065 1	05213 1
33,2170	51421 1	02172 1	02417 1	31412 1	00006 1	62177 1	05112 0	34715 0
33,2200	55547 1	02321 0	00006 1	41503 1	21507 0	08006 1	I' 45345 1	C' 02511 0
33,2210	C' 02505 0	I' 45044 0	C' 66214 0	C' 66276 1	I' 56325 0	C' 02507 1	I' 57212 1	C' 27111 0
33,2220	I' 77634 0	C' 45541 0	C' 01051 1	I' 77776 1	11421 0	02302 1	02427 1	32447 1
33,2230	55412 0	51423 0	41427 0	55452 1	31675 1	00006 1	12244 0	44706 0
33,2240	27651 0	34706 1	27647 1	12250 0	44706 0	27651 0	34706 1	27653 1
33,2250	02417 1	34714 1	55404 1	55405 0	34672 0	55450 0	55451 1	30032 0
33,2260	55413 1	02453 1	31512 0	55051 0	34714 1	55050 1	02427 1	05447 0
33,2270	C' 00007 0	44714 0	05246 1	04555 0	C' 16063 0	05423 1	I' 43215 0	C' 15340 1
33,2300	C' 27117 0	I' 77616 0	00006 1	23425 0	34714 1	55155 0	55156 0	55157 1
33,2310	04555 0	C' 16602 1	04555 0	C' 17516 0	03103 0	01425 0	00006 1	23425 0
33,2320	02312 0	00006 1	23425 0	02331 1	00003 1	30067 0	00006 1	62335 0
33,2330	05057 0	00004 0	51422 1	40037 1	55655 1	00004 0	51422 1	30037 0
33,2340	61655 0	00006 1	12324 1	51422 1	30037 0	51547 0	55502 0	04526 1
33,2350	51547 0	55503 1	51547 0	23504 1	00003 1	01425 0	54001 1	12361 0
33,2360	55655 1	34714 1	50001 0	54000 0	24001 0	11655 1	12360 1	00002 0
33,2370	I' 47020 0	C' 00051 0	C' 45505 0	C' 02441 1	I' 51025 1	C' 02443 0	C' 66401 1	I' 77624 1



OCTAL LISTING FOR PARAGRAPH J 175, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED #1 (INTERPRETIVE OPERATOR WORDS) OR #C (CONSTANTS)

33,2400	C' 66276 1	I' 74261 1	C' 20212 1	C' 02405 1	I' 53321 1	C' 02672 0	C' 02650 0	C' 16650 0
33,2410	C' 02441 1	C' 02443 0	I' 47170 1	C' 02647 0	C' 45650 0	I' 77650 1	C' 00051 0	00006 1
33,2420	23426 0	06006 1	I' 77624 1	C' 66370 0	I' 77776 1	02316 1	01426 0	00006 1
33,2430	23425 0	31423 0	55052 0	32442 1	04555 0	C' 20624 0	02267 0	01425 0
33,2440	12431 1	C' 14400 0	C' 01542 0	C' 01602 1	C' 02757 0	C' 01713 0	C' 01671 0	C' 07623 1
33,2450	C' 26552 1	04555 0	C' 70127 1	05261 1	C' 00075 0	C' 00004 0	00004 0	30025 0
33,2460	55645 0	34714 1	54037 1	54040 1	54041 0	00003 1	33130 0	55655 1
33,2470	33131 1	02356 0	06006 1	I' 77735 0	C' 27112 0	C' 25477 1	C' 27123 1	C' 26455 1
33,2500	C' 27112 0	C' 01472 1	C' 01163 1	I' 77776 1	11643 0	02507 1	02523 1	06006 1
33,2510	I' 77624 1	C' 64000 0	I' 77776 1	31412 1	55646 0	05243 1	C' 00002 0	04555 0
33,2520	C' 17075 0	03376 0	55412 0	05301 0	C' 00135 0	11450 0	02417 1	03401 1
33,2530	02532 1	05112 0	00006 1	22154 1	00004 0	40025 1	61645 1	00006 1
33,2540	62542 0	64674 0	61644 0	00006 1	62550 0	05130 0	C' 02575 1	00154 1
33,2550	34710 0	02545 1	C' 00031 0	32552 1	54154 0	50154 1	31460 1	50154 1
33,2560	55577 1	10154 0	12554 0	00002 0	32552 1	54154 0	50154 1	31577 0
33,2570	50154 1	55460 0	10154 0	12565 1	00002 0	30025 0	55645 0	31540 1
33,2600	55631 0	05301 0	C' 00115 1	31631 1	55540 0	10000 0	30000 1	55541 1
33,2610	40000 0	55540 0	34714 1	56037 0	55162 1	34714 1	56040 0	55164 1
33,2620	34714 1	56041 1	55166 0	34374 0	04114 1	C' 00005 1	34675 1	05042 1
33,2630	C' 02633 0	C' 66065 1	05213 1	02553 0	05301 0	C' 00215 1	12840 0	02564 1
33,2640	11643 0	02643 1	02646 1	03401 1	04555 0	C' 15262 0	06006 1	I' 77745 1
33,2650	C' 27121 0	C' 24051 0	C' 01163 1	I' 76505 0	C' 02672 0	I' 57545 1	C' 00160 0	C' 16533 0
33,2660	C' 00162 1	C' 02537 1	I' 76001 1	C' 00001 0	C' 00010 0	I' 57535 0	C' 02644 0	I' 77640 0
33,2670	C' 67203 1	I' 50135 0	C' 02542 0	C' 66706 0	I' 72174 0	C' 00014 1	C' 02454 0	I' 62143 0
33,2700	C' 02243 0	C' 77775 1	C' 12555 1	I' 66104 1	C' 66677 1	C' 02454 0	I' 77770 1	C' 00010 0
33,2710	I' 41343 0	C' 02543 1	C' 27675 0	I' 43661 1	C' 21212 0	C' 02511 0	C' 06511 1	I' 40725 0
33,2720	C' 27677 1	C' 02531 1	I' 77732 1	I' 45425 0	C' 71206 0	C' 06573 0	I' 77100 0	C' 66710 1
33,2730	C' 00004 0	I' 56743 1	C' 75314 0	C' 75230 1	C' 12463 0	I' 77104 1	C' 66731 1	C' 00010 0
33,2740	I' 66140 1	C' 02455 1	C' 02455 1	I' 56743 1	C' 02460 1	C' 75206 1	I' 77613 0	C' 75266 1
33,2750	C' 12511 1	I' 42743 1	C' 75304 1	C' 75220 0	C' 12473 1	I' 42673 0	C' 75206 1	C' 75256 1
33,2760	C' 12521 1	I' 40743 0	C' 27702 1	C' 75206 1	I' 42772 0	C' 75246 0	C' 12531 0	I' 76104 0
33,2770	C' 66740 1	C' 00010 0	I' 64743 0	C' 02533 0	C' 02531 1	I' 55523 0	C' 02541 0	I' 76521 0



OCTAL LISTING FOR PARAGRAPH J 176, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A'S DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACA (CONSTANTS)

33,3000	C' 02001 1	I' 77745 1	C' 00155 0	C' 06541 1	I' 77745 1	C' 00180 0	C' 06531 0	I' 77745 1
33,3010	C' 00182 1	C' 06533 1	I' 77700 0	C' 66772 0	I' 76174 1	C' 00008 1	C' 00002 0	I' 57343 1
33,3020	C' 02513 1	C' 27705 0	I' 77722 0	I' 73408 1	I' 58072 1	C' 00048 0	C' 10021 0	I' 77745 1
33,3030	I' 77746 1	C' 10027 0	I' 77704 1	C' 67017 0	I' 77776 1	34753 1	54003 0	01400 1
33,3040	11412 0	02522 0	11450 0	13045 1	03047 1	30032 0	55414 0	08008 1
33,3050	I' 65345 0	C' 02503 0	C' 02507 1	I' 55525 0	C' 02511 0	I' 74278 1	C' 27705 0	I' 74521 1
33,3060	C' 02672 0	C' 02760 1	I' 77776 1	05301 0	C' 00005 1	32444 1	04555 0	C' 17125 1
33,3070	02316 1	11450 0	02262 0	08008 1	I' 77624 1	C' 64000 0	I' 77776 1	02122 1
33,3100	05537 0	C' 01800 0	03105 0	05537 0	C' 01801 1	05301 0	C' 00005 1	02267 0
33,3110	C' 02222 1	C' 00000 1	C' 00000 1	C' 00000 1	C' 00000 1	C' 00000 1	C' 00000 1	C' 00001 0
33,3120	C' 00004 0	C' 00002 0	C' 00220 1	C' 77776 1	C' 35730 0	C' 00035 1	C' 10317 0	C' 17550 1
33,3130	C' 00115 1	C' 01453 1	34712 1	55643 0	33424 0	55074 1	34703 1	55412 0
33,3140	34731 0	55844 1	34712 1	55632 0	55657 0	34714 1	55856 1	00006 1
33,3150	31634 1	53836 1	00006 1	31634 1	53840 0	34375 1	55855 1	32446 0
33,3160	02356 0	03163 0	02030 0	00008 1	23425 0	44675 0	55705 0	08008 1
33,3170	I' 41545 0	C' 02638 0	I' 77756 0	C' 02676 1	C' 16702 0	I' 77746 1	C' 02704 0	I' 77876 0
33,3200	C' 02874 0	I' 77776 1	01425 0	I' 44743 1	C' 02543 1	C' 02505 0	I' 42675 0	C' 27713 1
33,3210	C' 02505 0	C' 06505 1	I' 77613 0	C' 02507 1	C' 06507 0	I' 42675 0	C' 27715 1	C' 02505 0
33,3220	I' 41475 1	C' 15330 0	I' 67300 0	C' 67203 1	C' 02647 0	I' 71254 1	C' 67237 0	C' 02471 1
33,3230	I' 45425 0	C' 61306 0	I' 77621 1	C' 02473 0	C' 02473 0	I' 77650 1	C' 67261 0	I' 43345 1
33,3240	C' 02467 0	C' 02475 0	C' 16467 0	C' 02475 0	I' 44275 1	C' 27717 0	C' 02473 0	C' 16473 0
33,3250	C' 02501 1	I' 44275 1	C' 27717 0	C' 02471 1	I' 57325 1	C' 02503 0	C' 27721 0	I' 45421 1
33,3260	C' 75306 0	I' 77776 1	11412 0	02522 0	03401 1	11304 0	12523 0	08008 1
33,3270	I' 77775 1	C' 02650 0	C' 16461 0	C' 02443 0	C' 02457 0	I' 77776 1	05301 0	C' 00275 1
33,3300	06006 1	I' 64375 1	C' 02467 0	C' 02672 0	I' 53372 1	C' 02461 0	C' 16650 0	C' 02457 0
33,3310	C' 02443 0	I' 77776 1	02417 1	31646 1	55631 0	05301 0	C' 00155 0	06006 1
33,3320	I' 77775 1	C' 27112 0	C' 02467 0	I' 77776 1	11632 0	03374 1	05301 0	C' 00255 0
33,3330	06006 1	I' 77745 1	C' 02634 1	I' 53025 0	C' 02640 1	C' 67371 0	C' 00001 0	I' 43335 0
33,3340	C' 27120 1	C' 02633 0	C' 16633 0	C' 02634 1	C' 16636 0	C' 00001 0	C' 02654 1	I' 77776 1
33,3350	03163 0	05301 0	C' 00335 1	00006 1	31636 0	53640 0	34704 0	55412 0
33,3360	05301 0	C' 00075 0	33423 1	04555 0	C' 17125 1	04555 0	C' 17516 0	03103 0
33,3370	02453 1	I' 77776 1	34712 1	55632 0	11631 0	55646 0	34334 1	55412 0



OCTAL LISTING FOR PARAGRAPH J 177, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" DENOTES UNUSED FIXED MEMORY
ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACs (CONSTANTS)

33,3400	02523 1	00004 0	44714 0	00006 1	06030 1	74708 0	10000 0	13416 0
33,3410	34708 1	70101 0	10000 0	13416 0	00003 1	00002 0	37657 1	05103 0
33,3420	00004 0	04574 0	C' 70002 1	C' 02847 0	C' 06200 0	05301 0	C' 00154 1	05243 1
33,3430	C' 00003 1	02037 1	04555 0	C' 16063 0	34712 1	22007 0	23427 1	55047 1
33,3440	00006 1	51427 1	31433 1	53046 0	33467 1	04555 0	C' 20577 0	33455 0
33,3450	04555 0	C' 20624 0	03610 0	03456 0	03444 0	C' 01451 0	53046 0	51427 1
33,3460	53433 0	11427 0	13466 1	34711 1	54001 1	13436 1	03530 1	C' 01236 1
33,3470	06006 1	I' 77170 1	C' 00002 0	C' 00014 1	I' 40331 1	C' 00052 0	C' 00006 1	C' 00001 0
33,3500	I' 60533 1	C' 02436 1	C' 00001 0	I' 77756 0	C' 10023 1	I' 77745 1	C' 00001 0	I' 41546 0
33,3510	I' 47133 0	C' 02435 1	C' 45510 1	C' 00003 1	I' 41356 1	C' 00001 0	I' 77752 1	C' 10027 0
33,3520	I' 71545 0	C' 00003 1	I' 72405 0	I' 76076 1	C' 00000 1	C' 10025 1	I' 43504 1	C' 67500 0
33,3530	34712 1	54735 1	34714 1	03625 0	06006 1	I' 77624 1	C' 67471 1	I' 64375 1
33,3540	C' 00007 0	C' 02672 0	I' 77772 0	C' 26736 1	C' 00015 0	I' 78521 0	C' 02672 0	C' 02744 1
33,3550	I' 77624 1	C' 67722 1	C' 02414 1	I' 77776 1	04555 0	C' 16063 0	34711 1	54735 1
33,3560	36211 0	03625 0	06006 1	I' 77624 1	C' 67722 1	C' 24015 0	C' 02414 1	C' 34007 1
33,3570	C' 47334 0	I' 77624 1	C' 47140 1	I' 77776 1	33821 1	04555 0	C' 20624 0	03610 0
33,3600	13602 1	13574 0	06006 1	I' 53375 0	C' 02760 1	C' 02650 0	C' 02650 0	I' 77776 1
33,3610	04555 0	C' 16063 0	05447 0	C' 00032 0	05243 1	C' 00002 0	05301 0	C' 00004 0
33,3620	05112 0	C' 01535 0	05537 0	C' 01602 1	03610 0	00006 1	23424 1	55431 1
33,3630	06006 1	I' 77624 1	C' 67471 1	I' 76740 0	C' 02431 0	C' 00007 0	C' 36766 0	C' 46053 0
33,3640	I' 77776 1	31773 0	55161 1	31775 0	55160 0	34714 1	55303 1	34712 1
33,3650	04555 0	C' 16002 1	04555 0	C' 17512 1	03622 1	30075 0	74707 1	10000 0
33,3660	03610 0	51330 0	30052 0	00006 1	13666 0	01424 1	34714 1	57330 0
33,3670	10000 0	50000 1	54000 0	13645 1	C' 30341 1	C' 22444 0	C' 57223 0	C' 66451 1
33,3700	C' 05427 0	C' 12577 1	C' 77567 0	C' 44202 1	C' 24276 1	C' 14066 1	C' 23073 1	C' 11773 1
33,3710	C' 00055 1	C' 20267 0	C' 03146 1	C' 14632 0	C' 00121 0	C' 35341 1	C' 01767 0	C' 31666 0
33,3720	C' 00004 0	C' 35223 1	I' 77620 0	C' 02424 1	I' 76740 0	C' 01330 0	C' 00003 1	C' 34767 0
33,3730	C' 46000 0	I' 77624 1	C' 47572 1	I' 77650 1	C' 02424 1	I' 77776 1	06006 1	I' 47145 1
33,3740	C' 02636 0	C' 45543 1	I' 77776 1	56154 1	55045 0	04555 0	C' 20607 1	33771 0
33,3750	04555 0	C' 20624 0	13754 0	13755 1	13747 1	06006 1	I' 47135 0	C' 01046 1
33,3760	C' 45510 1	C' 02634 1	I' 77776 1	34714 1	55632 0	05301 0	C' 00004 0	04574 0
33,3770	C' 21176 1	C' 01435 1	C' 03772 0	C' 03773 1	CKSM 71456 0	"	"	"



OCTAL LISTING FOR PARAGRAPH J 200, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" A DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACs (CONSTANTS)

34,2000	C' 03431 1	C' 02426 0	34744 1	54003 0	00006 1	32273 0	52757 0	44714 0
34,2010	22007 0	55265 0	52763 1	00006 1	32275 0	53337 0	00006 1	30025 0
34,2020	53266 0	34714 1	22007 0	52025 1	53337 0	52757 0	00004 0	00006 1
34,2030	31710 0	53271 0	31706 1	57267 0	00006 1	31337 1	21271 0	27267 1
34,2040	05301 0	C' 05023 0	C' 22000 1	00004 0	00006 1	31270 0	53707 1	31271 1
34,2050	57710 0	32000 0	54003 0	04633 0	C' 76625 1	05301 0	C' 05023 0	C' 22000 1
34,2060	34731 0	05140 1	C' 02314 0	C' 70066 0	05243 1	C' 00013 0	04555 0	C' 20607 1
34,2070	05261 1	C' 40514 0	C' 00073 0	32001 1	54003 0	32276 0	55426 1	22007 0
34,2100	30032 0	53760 0	22007 0	30033 1	53762 1	22007 0	30034 0	53764 1
34,2110	06006 1	I' 74575 0	C' 02760 1	C' 02760 1	I' 64375 1	C' 02467 0	C' 02672 0	I' 53372 1
34,2120	C' 02650 0	C' 16650 0	C' 01337 1	I' 52131 0	C' 00052 0	C' 66424 0	C' 66373 0	06006 1
34,2130	I' 77731 1	C' 03747 0	C' 00000 1	I' 65345 0	C' 01273 0	C' 01264 0	I' 55525 0	C' 02403 1
34,2140	C' 15104 0	C' 15332 1	I' 45014 0	C' 00662 0	C' 26373 1	C' 35232 1	C' 77256 0	I' 77656 1
34,2150	C' 25752 0	C' 01232 0	I' 74235 0	C' 01714 1	C' 30300 1	I' 77712 0	C' 25240 0	C' 01752 0
34,2160	I' 53435 0	C' 01714 1	I' 47206 0	C' 01752 0	I' 65256 0	C' 02634 1	I' 74346 0	I' 77626 0
34,2170	C' 62041 0	C' 02634 1	I' 74356 1	I' 53455 0	C' 01736 1	C' 01736 1	I' 53435 0	C' 01752 0
34,2200	I' 77676 0	C' 01744 1	I' 45345 1	C' 15330 0	C' 02634 1	I' 65215 1	C' 02401 0	C' 03301 0
34,2210	I' 45565 0	C' 74476 1	I' 77414 0	C' 01462 0	05301 0	C' 04023 1	00006 1	32302 1
34,2220	53223 1	37665 0	55074 1	34752 0	54003 0	00004 0	44714 0	55063 1
34,2230	40025 1	64735 1	10000 0	12236 0	12236 0	34714 1	64712 1	05140 1
34,2240	C' 02647 0	C' 76066 0	05261 1	C' 00003 1	C' 00025 0	04574 0	C' 77141 0	00004 0
34,2250	10763 1	05112 0	11265 0	12257 1	12257 1	12257 1	12013 0	41336 1
34,2260	00006 1	62267 0	10024 0	12021 1	00006 1	31266 1	12024 1	00006 1
34,2270	32275 0	12025 0	C' 77766 0	C' 00011 1	C' 77764 1	C' 00013 0	C' 02451 0	C' 71704 1
34,2300	C' 41735 0	C' 02303 0	C' 70066 0	06008 1	I' 77624 1	C' 70436 1	I' 77776 1	32511 0
34,2310	04555 0	C' 20621 0	04555 0	C' 77132 1	34701 0	05042 1	C' 02326 1	C' 70066 0
34,2320	41501 0	74710 1	27501 0	04633 0	C' 42404 1	05213 1	30024 1	00006 1
34,2330	62332 1	12424 0	30102 1	74105 0	00006 1	12337 0	02420 0	41702 1
34,2340	60025 0	00006 1	62504 1	54154 0	55707 1	61703 1	00006 1	62351 1
34,2350	12416 1	31661 1	54001 1	32510 1	07164 0	34714 1	54163 1	06006 1
34,2360	I' 54201 0	C' 00001 0	C' 20206 1	I' 77606 1	I' 77650 1	C' 76103 1	C' 14021 1	C' 00747 0
34,2370	I' 41405 0	C' 00001 0	I' 72405 0	C' 00751 1	I' 41325 0	C' 00743 1	C' 00003 1	I' 72415 1



TOTAL LISTING FOR PARAGRAPH J 201, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A'S DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACB (CONSTANTS)

34,2400	I' 77626 0	C' 63755 0	I' 72405 0	C' 00743 1	I' 41325 0	C' 00751 1	C' 00003 1	I' 72425 1
34,2410	I' 77626 0	C' 77754 1	I' 77751 1	C' 00021 1	C' 03077 1	I' 77776 1	04555 0	C' 42404 1
34,2420	34113 0	04555 0	C' 01732 0	02326 1	44705 0	00006 1	03012 1	05301 0
34,2430	C' 00004 0	34714 1	55476 1	55477 0	55500 1	05112 0	I' 51575 1	C' 01177 1
34,2440	C' 27723 1	C' 01171 1	I' 45246 0	C' 05311 1	C' 27735 0	C' 01171 1	I' 50256 0	C' 01177 1
34,2450	I' 77752 1	C' 03737 1	I' 77616 0	31716 0	00006 1	20154 0	50120 1	54000 0
34,2460	31717 1	00006 1	20155 1	50120 1	54002 1	31720 0	00006 1	20156 1
34,2470	50120 1	54004 1	18030 0	30154 1	00006 1	71701 1	00006 1	66030 1
34,2500	00006 1	33561 0	52155 1	06030 1	06006 1	I' 52001 1	C' 00001 0	C' 76161 0
34,2510	C' 01673 1	C' 01476 0	37683 0	55056 1	05103 0	37714 1	55734 1	06006 1
34,2520	I' 77634 0	C' 45505 0	C' 01152 0	I' 77624 1	C' 56741 0	I' 77624 1	C' 56404 1	I' 77776 1
34,2530	31734 0	00006 1	12535 1	00006 1	62554 1	36211 0	05475 1	C' 01734 0
34,2540	C' 01224 1	37714 1	55734 1	00003 1	06006 1	I' 45014 0	C' 04687 1	C' 56741 0
34,2550	I' 52131 0	C' 01243 0	C' 01224 1	C' 70577 0	06006 1	I' 77624 1	C' 56741 0	I' 77624 1
34,2560	C' 56404 1	I' 77614 1	C' 04746 0	C' 70527 0	I' 77634 0	C' 45505 0	I' 45225 0	C' 14847 1
34,2570	C' 01152 0	I' 45040 1	C' 70527 0	C' 56415 1	I' 77745 1	C' 01225 0	C' 01152 0	I' 77624 1
34,2600	C' 56343 0	I' 45014 0	C' 00707 1	C' 71034 0	C' 27113 1	I' 77624 1	C' 56741 0	I' 77624 1
34,2610	C' 56343 0	I' 77614 1	C' 01674 0	I' 43014 0	C' 02756 1	C' 70617 0	C' 01476 0	I' 77624 1
34,2620	C' 27113 1	I' 77624 1	C' 56526 0	I' 77624 1	C' 71123 1	I' 45014 0	C' 02464 0	C' 71132 1
34,2630	I' 43014 0	C' 01671 0	C' 02716 0	C' 70643 1	I' 77745 1	C' 02001 1	C' 34001 1	C' 56544 1
34,2640	I' 77745 1	C' 15332 1	C' 01126 0	I' 77614 1	C' 02476 0	I' 52375 1	C' 01215 0	C' 01207 0
34,2650	C' 03531 0	I' 43056 0	C' 04707 0	C' 71045 0	C' 01273 0	I' 45014 0	C' 02744 1	C' 70671 0
34,2660	C' 47110 1	C' 25235 1	C' 01273 0	I' 40035 0	C' 01235 1	C' 70666 0	I' 40056 0	C' 70555 0
34,2670	C' 01245 0	I' 77624 1	C' 47047 1	I' 77214 0	C' 00707 1	C' 70701 0	C' 03502 0	I' 77676 0
34,2700	C' 03502 0	I' 77624 1	C' 56741 0	I' 77614 1	C' 00706 0	C' 71076 0	I' 43345 1	C' 31220 0
34,2710	C' 31222 1	C' 27526 0	C' 03531 0	I' 60246 1	C' 00047 1	I' 41316 0	C' 03526 0	I' 45070 1
34,2720	C' 00046 0	C' 56526 0	I' 56070 0	C' 00047 1	C' 00047 1	I' 72257 1	C' 20577 0	C' 00155 0
34,2730	C' 03526 0	I' 54335 0	C' 02400 1	C' 20632 1	I' 47171 0	C' 03526 0	C' 45562 1	C' 03526 0
34,2740	I' 76214 1	C' 04747 1	C' 70751 0	C' 03005 1	I' 72244 0	C' 70751 0	C' 03005 1	I' 77646 0
34,2750	C' 03526 0	I' 45014 0	C' 02666 0	C' 75250 1	I' 77624 1	C' 56741 0	I' 45014 0	C' 02744 1
34,2760	C' 71006 1	C' 56526 0	I' 51575 1	C' 01265 1	I' 77657 0	C' 57176 0	C' 27504 0	C' 01257 0
34,2770	I' 53646 0	C' 57176 0	C' 03502 0	I' 77735 0	C' 02003 0	I' 45261 0	C' 20613 1	C' 03502 0



OCTAL LISTING FOR PARAGRAPH J 202, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" A DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACA (CONSTANTS)

34,3000	I' 67240 0	C' 71141 0	C' 02004 1	I' 50025 0	C' 03504 0	C' 71141 0	I' 77624 1	C' 75482 0
34,3010	I' 43014 0	C' 04707 0	C' 71103 0	C' 02744 1	C' 71111 0	I' 77624 1	C' 56528 0	I' 45014 0
34,3020	C' 00707 1	C' 71117 0	C' 71132 1	I' 77624 1	C' 58741 0	I' 52375 1	C' 01215 0	C' 01207 0
34,3030	C' 03531 0	I' 77614 1	C' 02624 0	C' 70651 1	I' 45014 0	C' 01674 0	C' 27113 1	I' 77624 1
34,3040	C' 58741 0	I' 77624 1	C' 56343 0	I' 77650 1	C' 70613 1	C' 27502 0	C' 15332 1	C' 03510 0
34,3050	C' 27516 0	C' 03531 0	I' 71258 0	C' 01257 0	I' 60414 0	C' 04303 0	C' 71057 0	I' 43025 1
34,3060	C' 00045 0	C' 02464 0	C' 03524 1	I' 77214 0	C' 00747 0	C' 71071 1	C' 03502 0	I' 77678 0
34,3070	C' 03502 0	I' 77624 1	C' 58741 0	I' 52145 0	C' 03003 1	C' 70711 1	I' 43335 0	C' 01357 1
34,3100	C' 31222 1	I' 77650 1	C' 70711 1	I' 62150 1	C' 01125 0	C' 00001 0	I' 52130 1	C' 01125 0
34,3110	C' 70523 1	I' 62150 1	C' 01126 0	C' 00001 0	I' 52130 1	C' 01126 0	C' 70555 0	I' 77624 1
34,3120	C' 71123 1	I' 77650 1	C' 71023 0	I' 53775 1	C' 01573 1	C' 57187 0	I' 77655 1	C' 01807 1
34,3130	C' 01207 0	I' 77616 0	I' 53775 1	C' 01645 1	C' 57187 0	I' 77655 1	C' 01661 1	C' 01215 0
34,3140	I' 77616 0	I' 77776 1	30105 0	74703 0	00006 1	13150 1	34711 1	03151 1
34,3150	34712 1	55505 1	34714 1	55300 1	05301 0	C' 04022 0	37884 1	05027 1
34,3160	C' 03172 0	C' 70087 1	08008 1	C' 00155 0	I' 53135 0	C' 01301 1	C' 71183 0	I' 52040 1
34,3170	C' 71008 1	C' 71201 1	33223 1	04555 0	C' 20835 0	04550 0	44712 0	55300 1
34,3200	05112 0	I' 77614 1	C' 04707 0	C' 70523 1	I' 77776 1	00004 0	33224 0	54008 0
34,3210	37718 0	55725 1	55734 1	00003 1	06008 1	I' 77650 1	C' 70555 0	C' 00052 0
34,3220	C' 36307 0	C' 00052 0	C' 36307 0	C' 01461 0	C' 70087 1	I' 40220 0	C' 03704 1	C' 00001 0
34,3230	I' 77634 0	C' 45505 0	C' 36316 0	C' 71461 1	I' 77751 1	C' 01156 1	C' 03373 0	I' 77776 1
34,3240	03265 0	34371 0	00006 1	06031 0	77707 1	00006 1	13250 1	03254 1
34,3250	40075 1	74675 0	10000 0	03320 0	34714 1	54154 0	06008 1	I' 77650 1
34,3260	C' 03704 1	40101 0	74707 1	00006 1	13452 0	04555 0	C' 57750 1	34711 1
34,3270	55611 1	51811 0	30032 0	00006 1	51611 0	21155 0	54154 0	06006 1
34,3300	I' 45246 0	C' 31550 0	I' 77444 0	C' 71307 0	11611 1	03270 1	03241 0	I' 77776 1
34,3310	40075 1	74675 0	10000 0	03452 1	34710 0	00006 1	05011 1	03254 1
34,3320	06006 1	I' 77601 0	C' 00001 0	I' 52375 1	C' 03204 1	C' 03715 1	I' 57458 1	I' 74235 0
34,3330	C' 03707 1	C' 31551 1	I' 77808 1	I' 60345 0	C' 02316 1	C' 00047 1	I' 77608 1	I' 60345 0
34,3340	C' 00045 0	C' 00051 0	I' 70460 1	C' 00050 1	I' 74271 0	I' 77730 0	C' 03705 0	I' 78521 0
34,3350	C' 01736 1	C' 00025 0	I' 77761 1	C' 31553 0	C' 03212 0	I' 77624 1	C' 47432 1	I' 45001 1
34,3360	C' 00001 0	C' 47875 0	I' 77750 0	C' 03705 0	I' 53775 1	C' 03204 1	C' 20160 1	C' 00017 1
34,3370	I' 77624 1	C' 47432 1	I' 45175 0	C' 00025 0	C' 47577 1	I' 77721 0	C' 31557 1	I' 77761 1

OCTAL LISTING FOR PARAGRAPH J 203, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" A DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACA (CONSTANTS)

34,3400	C' 15270 0	I' 53750 0	C' 03705 0	C' 20183 1	I' 77776 1	00004 0	34714 1	55647 1
34,3410	55651 0	55653 1	31772 1	55646 0	31773 0	55650 1	31774 1	55652 0
34,3420	00006 1	30155 0	53526 0	00006 1	30160 0	53530 1	00006 1	30162 1
34,3430	53532 0	00008 1	50120 1	30017 1	53576 0	00006 1	50120 1	30021 1
34,3440	53600 1	00006 1	50120 1	30023 0	53602 0	44712 0	55332 0	00003 1
34,3450	34714 1	03254 1	06006 1	I' 77751 1	C' 03373 0	C' 01156 1	I' 52135 1	C' 31801 1
34,3460	C' 03704 1	I' 71220 1	C' 03705 0	C' 02316 1	C' 34041 0	C' 27045 0	I' 77775 1	C' 00001 0
34,3470	C' 27707 1	C' 00007 0	C' 03715 1	I' 77745 1	C' 02316 1	C' 34041 0	C' 27057 0	I' 77775 1
34,3500	C' 00007 0	C' 27204 1	C' 00001 0	Y' 53451 1	C' 03707 1	C' 03707 1	I' 76521 0	C' 01736 1
34,3510	C' 17357 0	C' 00045 0	C' 02316 1	I' 77775 1	C' 15330 0	C' 37351 1	C' 56128 1	C' 01334 1
34,3520	I' 77775 1	C' 31542 0	C' 37351 1	C' 56126 1	C' 03723 1	I' 77614 1	C' 02745 0	C' 71533 1
34,3530	C' 01156 1	I' 77650 1	C' 03705 0	I' 77775 1	C' 15330 0	C' 03351 0	I' 52151 0	C' 01334 1
34,3540	C' 71530 1	C' 15066 0	C' 17626 0	C' 00000 1	C' 00000 1	C' 11132 1	C' 27477 0	C' 01616 1
34,3550	C' 37651 1	C' 16721 1	C' 31463 1	C' 06315 0	C' 20000 0	C' 00000 1	C' 20000 0	C' 00000 1
34,3560	C' 00000 1	C' 00000 1	C' 00000 1	C' 00000 1	C' 00000 1	C' 00000 1	C' 17676 0	C' 20113 0
34,3570	C' 75766 1	C' 45544 0	C' 00000 1	C' 00000 1	C' 02011 0	C' 32233 1	C' 17676 0	C' 20113 0
34,3600	C' 00001 0	04555 0	C' 17573 0	36214 0	55131 1	34712 1	55132 1	33650 1
34,3610	04555 0	C' 20624 0	05423 1	03615 0	03607 0	41132 1	64712 1	00006 1
34,3620	13645 1	05447 0	C' 00120 1	06006 1	I' 43234 0	C' 45505 0	C' 07137 0	C' 36316 0
34,3630	C' 71461 1	I' 77776 1	33651 0	04555 0	C' 20624 0	05423 1	03640 0	03623 0
34,3640	05447 0	C' 00124 0	04555 0	C' 56000 1	15423 0	05435 0	C' 00120 1	03623 0
34,3650	C' 01006 0	C' 01422 1	C' 20000 0	C' 00000 1	C' 10000 0	C' 00000 1	C' 04000 0	C' 00000 1
34,3660	C' 02000 0	C' 00000 1	C' 00020 0	C' 00000 1	C' 00004 0	C' 00000 1	C' 00002 0	C' 00000 1
34,3670	C' 00000 1	C' 04000 0	C' 00000 1	C' 00010 0	C' 00000 1	C' 00001 0	C' 00000 1	C' 00000 1
34,3700	C' 77777 0	C' 77557 0	C' 77777 0	C' 77760 0	C' 00000 1	C' 00012 1	C' 54631 1	C' 63145 1
34,3710	C' 21463 0	C' 06315 0	C' 77777 0	C' 77771 0	C' 37777 1	C' 37777 1	C' 77777 0	C' 77766 0
34,3720	C' 77777 0	C' 77767 1	C' 00000 1	C' 35610 0	C' 36703 0	C' 03743 1	C' 33041 1	C' 37714 1
34,3730	C' 00003 1	C' 13241 1	C' 20000 0	C' 00000 1	C' 00805 1	C' 00612 1	C' 00613 0	C' 40214 1
34,3740	C' 45266 1	C' 73645 1	C' 56536 1	C' 70467 0	C' 71205 0	C' 16525 1	C' 12525 0	C' 22525 0
34,3750	C' 12525 0	C' 17775 1	C' 06676 0	C' 00000 1	C' 00062 0	C' 00020 0	C' 14223 1	C' 00000 1
34,3760	C' 05174 0	C' 00002 0	C' 21727 0	C' 00000 1	C' 01654 1	C' 00000 1	C' 00764 1	C' 00040 0
34,3770	C' 30447 0	C' 00000 1	C' 00010 0	C' 00000 1	C' 00322 1	C' 03775 1	C' 03776 1	CKSM 77620 0

OCTAL LISTING FOR PARAGRAPH J 204, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, "A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACA (CONSTANTS)

35,2000	C' 03728 1	02003 0	03741 0	03748 1	33125 1	03114 0	03073 0	08008 1
35,2010	I' 71214 0	C' 01270 0	C' 03883 1	C' 17413 1	C' 03744 0	I' 43054 1	C' 72020 0	C' 01070 1
35,2020	I' 77824 1	C' 10718 0	I' 43145 0	C' 15332 1	C' 03481 1	I' 43014 0	C' 01310 1	C' 72031 0
35,2030	C' 03661 0	C' 02384 1	I' 43345 1	C' 03683 1	C' 02384 1	C' 34041 0	C' 45354 1	I' 77824 1
35,2040	C' 72212 0	I' 77454 1	C' 72053 1	05537 0	C' 00811 1	34743 0	04555 0	C' 20824 0
35,2050	04108 1	02003 0	02043 1	I' 43014 0	C' 03801 0	C' 72032 0	C' 01310 1	C' 72083 1
35,2060	I' 77778 1	03073 0	02088 0	I' 77778 1	33125 1	03114 0	08008 1	I' 71201 1
35,2070	C' 00001 0	C' 03748 1	C' 14047 1	C' 03754 1	I' 71408 0	C' 18734 0	I' 77758 0	C' 28732 0
35,2100	C' 03554 0	I' 77857 0	C' 57178 0	C' 28857 1	C' 03582 0	I' 43057 1	C' 57178 0	C' 03488 0
35,2110	C' 38748 1	C' 24737 1	I' 77745 1	C' 03883 1	C' 03503 1	I' 77815 0	C' 00037 0	C' 37858 0
35,2120	C' 72534 0	I' 51575 1	C' 03848 0	C' 28635 0	C' 03840 0	I' 51451 0	C' 03820 0	C' 28837 1
35,2130	C' 03540 0	I' 45115 0	C' 03812 1	C' 45312 0	I' 77824 1	C' 45422 1	C' 18841 0	C' 03883 1
35,2140	C' 03413 1	I' 77778 1	33127 0	03114 0	08008 1	I' 77824 1	C' 72742 0	I' 77824 1
35,2150	C' 73005 0	I' 77850 1	C' 72022 1	03728 1	00008 1	31422 1	02182 0	03741 0
35,2160	00008 1	31424 1	53784 1	03748 1	08008 1	I' 77824 1	C' 10718 0	I' 77834 0
35,2170	C' 45505 0	C' 03885 1	I' 77815 0	C' 02384 1	C' 03413 1	C' 03503 1	C' 34041 0	C' 45354 1
35,2200	I' 77824 1	C' 72522 1	I' 77824 1	C' 72534 0	I' 77824 1	C' 72742 0	I' 77824 1	C' 73005 0
35,2210	I' 77850 1	C' 72187 1	I' 88220 1	C' 01340 1	C' 03885 1	C' 40000 0	I' 40345 1	C' 33138 0
35,2220	C' 00001 0	C' 27454 1	C' 03540 0	C' 27578 0	C' 03548 0	C' 27570 0	C' 03554 0	C' 27820 0
35,2230	C' 03582 0	C' 03812 1	I' 77824 1	C' 72522 1	I' 83235 0	C' 03540 0	I' 53515 0	C' 03540 0
35,2240	I' 46315 1	I' 51352 1	C' 02825 1	I' 83258 0	I' 83241 0	C' 00001 0	I' 75241 1	C' 02825 1
35,2250	I' 65552 0	I' 50315 0	C' 02825 1	C' 03540 0	I' 71244 0	C' 72280 0	C' 15340 1	I' 41425 1
35,2280	I' 71214 0	C' 03741 0	C' 72507 0	C' 03452 1	C' 14033 1	I' 77825 0	C' 03744 0	C' 03452 1
35,2270	I' 45248 0	C' 33142 0	I' 77840 0	C' 72517 1	I' 70535 0	C' 03885 1	I' 72030 1	C' 01340 1
35,2300	C' 00154 1	I' 77330 1	C' 03884 0	C' 03554 0	I' 85258 0	C' 00045 0	I' 53515 0	C' 03540 0
35,2310	I' 77725 1	I' 41525 0	C' 00045 0	I' 77821 1	C' 00015 0	C' 14037 0	C' 15330 0	I' 41425 1
35,2320	C' 03744 0	I' 50185 0	C' 00037 0	C' 01340 1	I' 71545 0	I' 58205 0	C' 00017 1	C' 00015 0
35,2330	I' 77878 0	C' 00035 1	I' 44248 1	C' 15330 0	I' 77240 1	C' 01340 1	C' 02817 0	I' 53435 0
35,2340	C' 00007 0	I' 41241 0	C' 03548 0	C' 00015 0	I' 47315 0	C' 00001 0	C' 03582 0	I' 53435 0
35,2350	C' 00001 0	I' 41241 0	C' 03582 0	C' 00017 1	I' 77821 1	I' 83301 0	C' 00047 1	C' 00007 0
35,2360	I' 50235 0	C' 00001 0	C' 02817 0	I' 50315 0	C' 00001 0	C' 00007 0	I' 85552 0	I' 77785 0
35,2370	I' 43225 0	C' 15330 0	C' 03744 0	I' 65525 0	C' 00035 1	I' 75221 1	C' 15330 0	C' 00037 0



OCTAL LISTING FOR PARAGRAPH J 205, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACA (CONSTANTS)

35,2400	I' 77615 0	I' 56205 0	C' 33134 1	I' 77605 1	I' 41257 1	C' 20176 0	I' 51406 1	I' 50025 0
35,2410	C' 03454 1	C' 72415 1	I' 75345 1	C' 03454 1	I' 77606 1	I' 51135 1	C' 03665 1	C' 72425 1
35,2420	I' 71331 0	C' 03665 1	C' 37777 1	I' 77650 1	C' 72463 0	I' 41345 0	C' 03452 1	C' 00033 1
35,2430	I' 71244 0	C' 72441 0	C' 03454 1	I' 77605 1	C' 33140 1	C' 17454 1	I' 70446 0	I' 52076 1
35,2440	C' 72451 1	I' 51545 1	C' 03452 1	I' 51525 1	C' 00033 1	I' 77625 0	I' 71240 1	C' 72454 1
35,2450	I' 77646 0	I' 52165 1	C' 03450 0	C' 72463 0	I' 57545 1	C' 03450 0	I' 70406 1	C' 03450 0
35,2460	I' 77615 0	I' 77650 1	C' 72464 1	C' 03450 0	I' 77615 0	C' 02364 1	C' 02364 1	I' 63375 0
35,2470	C' 03570 0	C' 03576 0	I' 77624 1	C' 72702 1	I' 77624 1	C' 45376 1	I' 63375 0	C' 03612 1
35,2500	C' 03620 0	I' 77624 1	C' 72702 1	I' 77624 1	C' 45406 1	I' 77650 1	C' 72232 1	I' 43345 1
35,2510	C' 03663 0	C' 02364 1	C' 17663 1	I' 77614 1	C' 01310 1	C' 72517 1	C' 03744 0	I' 52145 0
35,2520	C' 15332 1	C' 01340 1	I' 52375 1	C' 03554 0	C' 03540 0	I' 41456 0	C' 26625 1	C' 03540 0
35,2530	I' 53435 0	C' 03546 0	C' 02617 0	I' 77616 0	I' 77220 1	C' 02370 1	C' 03562 0	I' 65315 0
35,2540	C' 03554 0	C' 03503 1	I' 65325 0	C' 03656 1	C' 15332 1	I' 45006 0	C' 72706 0	C' 27415 1
35,2550	C' 00007 0	C' 27640 0	C' 03415 1	I' 63256 0	C' 03540 0	I' 41456 0	I' 50235 0	C' 00001 0
35,2560	C' 02617 0	I' 77715 1	I' 72441 0	C' 00001 0	I' 75326 1	I' 43244 1	C' 72570 0	C' 15340 1
35,2570	C' 16633 0	C' 03656 1	I' 77625 0	C' 03503 1	C' 03423 1	I' 40335 0	C' 33144 0	C' 00001 0
35,2600	I' 63325 0	C' 33147 0	C' 03540 0	C' 27570 0	C' 03546 0	C' 37576 1	C' 22000 1	I' 77624 1
35,2610	C' 72667 0	I' 64375 1	C' 03646 0	C' 00001 0	I' 77772 0	C' 37405 1	C' 02370 1	I' 45020 1
35,2620	C' 01340 1	C' 72667 0	I' 61375 1	C' 03405 0	C' 00001 0	I' 77772 0	C' 03646 0	I' 63255 0
35,2630	C' 03546 0	C' 03540 0	I' 65325 0	C' 03413 1	C' 03656 1	I' 41525 0	C' 15340 1	I' 77624 1
35,2640	C' 72706 0	I' 77775 1	C' 00001 0	C' 03415 1	I' 41575 0	C' 02625 1	I' 57435 1	C' 02617 0
35,2650	I' 41456 0	I' 76435 1	C' 02625 1	I' 77715 1	I' 64315 1	C' 03646 0	C' 00001 0	I' 77772 0
35,2660	C' 36611 1	C' 01340 1	I' 40220 0	C' 01340 1	C' 00001 0	I' 77650 1	C' 72644 1	I' 57575 1
35,2670	C' 02617 0	C' 24007 0	C' 03540 0	I' 57456 1	C' 00015 0	I' 76435 1	C' 02617 0	C' 00001 0
35,2700	I' 43401 0	C' 00023 0	I' 65325 0	C' 15332 1	C' 02384 1	I' 41406 0	I' 45020 1	C' 02367 1
35,2710	C' 27371 1	I' 71214 0	C' 01673 1	I' 43054 1	C' 72716 1	C' 01473 0	I' 45545 1	C' 63736 0
35,2720	I' 73014 0	C' 00063 1	C' 03746 1	I' 43014 0	C' 04303 0	C' 72727 0	C' 00263 0	C' 25517 0
35,2730	I' 77657 0	C' 57176 0	C' 25535 0	I' 77657 0	C' 57176 0	C' 35543 0	C' 27066 1	I' 52175 0
35,2740	C' 00001 0	C' 02367 1	I' 43020 1	C' 02370 1	C' 01311 0	C' 72751 1	I' 52014 0	C' 00470 1
35,2750	C' 72775 1	I' 77414 0	C' 03274 0	33131 1	04555 0	C' 20624 0	04106 1	02764 0
35,2760	06006 1	I' 77414 0	C' 03074 1	02753 1	06006 1	I' 45014 0	C' 03354 0	C' 72771 0
35,2770	C' 72617 1	I' 77214 0	C' 01267 0	C' 03646 0	C' 03646 0	I' 77624 1	C' 72662 0	I' 77776 1

OCTAL LISTING FOR PARAGRAPH J 206, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACA (CONSTANTS)

35,3000	33130 0	03114 0	06008 1	I' 77650 1	C' 02370 1	I' 71220 1	C' 02370 1	C' 33145 1
35,3010	C' 03828 0	I' 71214 0	C' 01351 1	C' 73033 0	C' 33145 1	I' 77815 0	C' 33145 1	C' 03828 0
35,3020	I' 77414 0	C' 01742 1	C' 73033 0	03108 0	03028 0	03034 0	08008 1	I' 41575 0
35,3030	C' 03848 0	I' 77824 1	C' 10880 0	I' 77776 1	03584 0	31770 0	55788 0	34734 0
35,3040	04555 0	C' 01732 0	33132 1	04555 0	C' 20824 0	03050 1	03053 1	03063 1
35,3050	30005 1	54000 0	04108 1	40078 1	74705 0	00008 1	13050 0	05301 0
35,3060	C' 04024 0	05435 0	C' 00047 1	30005 1	54000 0	05301 0	C' 04024 0	08008 1
35,3070	I' 52014 0	C' 00870 0	C' 02388 0	00008 1	23340 1	33126 1	04555 0	C' 20783 1
35,3100	14108 0	01340 1	13075 1	34712 1	05415 1	15112 1	37713 0	71011 1
35,3110	00006 1	13113 0	24002 0	00002 0	00006 1	23787 0	55785 0	31785 1
35,3120	04555 0	C' 20824 0	14108 0	01787 0	13117 1	C' 01445 0	C' 01487 0	C' 01472 1
35,3130	C' 01473 0	C' 01521 0	C' 04055 0	C' 14441 0	C' 37325 1	C' 00001 0	C' 20850 0	C' 12525 0
35,3140	C' 12525 0	C' 00004 0	C' 21505 1	C' 00002 0	C' 77777 0	C' 81337 1	C' 01252 0	C' 25253 1
35,3150	34752 0	05042 1	C' 03204 1	C' 72084 0	34734 0	04555 0	C' 01732 0	31044 0
35,3160	74877 1	00008 1	13154 0	30105 0	74707 1	00008 1	13171 1	33310 0
35,3170	03172 0	33311 1	04555 0	C' 20485 1	05514 1	05514 1	13183 1	08008 1
35,3200	I' 77824 1	C' 73428 0	I' 77850 1	C' 73207 0	08008 1	I' 77824 1	C' 73312 0	I' 52375 1
35,3210	C' 00001 0	C' 02327 0	I' 51408 1	C' 02321 0	I' 77301 0	C' 00047 1	I' 77782 1	I' 53457 1
35,3220	C' 20201 0	I' 52315 1	C' 00007 0	C' 02335 0	I' 77841 1	I' 77752 1	C' 38323 0	C' 47432 1
35,3230	I' 77824 1	C' 82000 0	I' 53575 0	C' 02327 0	I' 77715 1	C' 15330 0	I' 77214 0	C' 04713 0
35,3240	C' 73242 1	C' 00015 0	I' 77824 1	C' 47801 0	I' 41505 1	C' 01738 1	I' 72431 1	C' 00001 0
35,3250	I' 53445 1	C' 00007 0	I' 47315 0	C' 02327 0	C' 02335 0	I' 47258 0	C' 02327 0	I' 63241 0
35,3280	C' 00015 0	I' 50372 1	C' 00007 0	I' 72585 1	C' 00015 0	I' 77728 1	C' 28325 1	C' 02327 0
35,3270	I' 51041 0	C' 00007 0	C' 73277 1	I' 44345 0	C' 02325 1	C' 15340 1	C' 02325 1	I' 77778 1
35,3300	34708 1	71044 1	00008 1	15423 0	41044 1	74877 1	27044 1	13177 1
35,3310	C' 04088 0	C' 04085 0	I' 47020 0	C' 00112 0	C' 45505 0	C' 34041 0	C' 27038 1	I' 77775 1
35,3320	C' 00017 1	C' 28225 0	C' 00025 0	C' 18241 1	C' 00015 0	C' 02272 1	C' 34041 0	C' 27022 1
35,3330	I' 77775 1	C' 00017 1	C' 28255 1	C' 00025 0	C' 02283 1	I' 47014 1	C' 03711 0	C' 73413 0
35,3340	C' 45505 0	C' 34041 0	C' 27371 1	I' 43175 0	C' 02255 1	C' 00283 0	C' 25535 0	C' 02283 1
35,3350	C' 15543 1	C' 02272 1	I' 43014 0	C' 04343 1	C' 73358 0	C' 00083 1	I' 77814 1	C' 01473 0
35,3360	C' 35517 1	C' 27088 1	I' 77775 1	C' 00001 0	C' 28327 0	C' 00007 0	C' 38335 1	C' 27371 1
35,3370	I' 71214 0	C' 01473 0	C' 00015 0	C' 00041 1	I' 43175 0	C' 02225 0	C' 00283 0	C' 25535 0

OCTAL LISTING FOR PARAGRAPH J 207, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, "A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED A/A (INTERPRETIVE OPERATOR WORDS) OR A/A (CONSTANTS)

35,3400	C' 02241 1	C' 15543 1	C' 02272 1	I' 43014 0	C' 04343 1	C' 73407 0	C' 00063 1	C' 35517 1
35,3410	C' 27066 1	I' 77650 1	C' 00112 0	I' 77775 1	C' 01171 1	C' 28327 0	C' 01177 1	C' 16335 0
35,3420	C' 01205 1	I' 77624 1	C' 27371 1	I' 52014 0	C' 01673 1	C' 73373 1	I' 52020 1	C' 00112 0
35,3430	C' 73335 0	03726 1	03434 1	03741 0	03746 1	33125 1	03114 0	08006 1
35,3440	I' 45014 0	C' 00670 0	C' 74026 0	I' 76014 0	C' 00470 1	C' 00002 0	I' 76014 0	C' 00356 1
35,3450	C' 73452 0	C' 00001 0	I' 77530 1	C' 01132 0	33543 0	03517 1	06006 1	I' 43014 0
35,3460	C' 00670 0	C' 00076 0	I' 45335 0	C' 01133 1	C' 36100 0	I' 43030 0	C' 73470 0	C' 00276 1
35,3470	I' 46135 1	C' 03747 0	C' 73476 0	I' 52145 0	C' 34003 0	C' 73500 0	I' 77745 1	C' 34001 1
35,3500	C' 36321 1	C' 74104 1	I' 77414 0	C' 00470 1	33127 0	03517 1	33126 1	04555 0
35,3510	C' 20763 1	04106 1	04106 1	03434 1	34711 1	05415 1	15112 1	00006 1
35,3520	23766 1	55765 0	31765 1	04555 0	C' 20624 0	03522 1	01766 1	40154 0
35,3530	64705 1	00006 1	13434 0	03522 1	I' 77414 0	C' 00470 1	05537 0	C' 00124 0
35,3540	34743 0	03517 1	04106 1	C' 01510 1	I' 77420 1	C' 02370 1	03564 0	33132 1
35,3550	04555 0	C' 20763 1	04106 1	03560 1	03547 1	05301 0	C' 00014 1	05112 0
35,3560	06006 1	I' 52014 0	C' 03664 0	C' 02370 1	00006 1	23066 0	05435 0	C' 00155 0
35,3570	34714 1	55145 1	00004 0	34712 1	05140 1	C' 03172 0	C' 50067 0	05261 1
35,3600	C' 40036 0	C' 05024 1	C' 13000 0	01066 0	03636 1	03655 1	05447 0	C' 00027 1
35,3610	06006 1	I' 77624 1	C' 63102 1	I' 77776 1	03665 1	05435 0	C' 00045 0	14106 0
35,3620	03636 1	05447 0	C' 00027 1	05447 0	C' 00156 0	06006 1	I' 77624 1	C' 63154 1
35,3630	I' 77776 1	03655 1	03665 1	05447 0	C' 00045 0	14106 0	56002 0	55664 0
35,3640	05435 0	C' 00027 1	05435 0	C' 00031 0	33722 0	04555 0	C' 20763 1	14106 0
35,3650	01664 1	13642 0	05301 0	C' 00014 1	05112 0	56002 0	55127 0	33131 1
35,3660	04555 0	C' 20624 0	14106 0	01127 1	13657 1	56002 0	55664 0	33723 1
35,3670	04555 0	C' 20624 0	04106 1	13675 1	13667 1	34676 1	70077 0	00006 1
35,3700	13710 0	06006 1	I' 41575 0	C' 03646 0	I' 77624 1	C' 10660 0	I' 77650 1	C' 73714 1
35,3710	00006 1	43721 1	53626 0	06006 1	I' 77624 1	C' 73544 0	I' 77776 1	01664 1
35,3720	C' 00000 1	C' 35100 0	C' 01441 1	C' 01452 0	C' 04043 1	C' 01455 1	00006 1	23770 0
35,3730	05447 0	C' 00050 1	34753 1	54003 0	34676 1	55424 0	34700 1	54003 0
35,3740	01770 0	00006 1	23770 0	05435 0	C' 00050 1	01770 0	00006 1	23770 0
35,3750	05435 0	C' 00031 0	05435 0	C' 00027 1	01770 0	C' 27657 0	C' 01000 0	C' 00325 0
35,3760	C' 23740 0	C' 00306 1	C' 06614 1	C' 76027 0	C' 70156 1	C' 74517 1	C' 54131 0	C' 30276 1
35,3770	C' 05001 0	C' 00003 1	C' 27040 0	C' 03773 1	C' 03774 0	OKSM 54100 1	"	"

OCTAL LISTING FOR PARAGRAPH J 210, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, "A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACA (CONSTANTS)

36,2000	C' 00004 0	C' 31568 0	C' 00000 1	C' 12328 0	C' 00002 0	C' 16100 1	C' 00000 1	C' 35230 0
36,2010	C' 12137 1	C' 08033 1	C' 08181 1	C' 30707 1	C' 35252 1	C' 25253 1	C' 87777 1	C' 77777 0
36,2020	C' 00000 1	C' 30780 0	C' 00000 1	C' 00114 0	C' 00040 0	C' 30447 0	I' 71220 1	C' 01340 1
36,2030	C' 03863 1	C' 34041 0	C' 27057 0	I' 77824 1	C' 45372 0	I' 77745 1	C' 03863 1	C' 34041 0
36,2040	C' 27045 0	I' 77824 1	C' 45402 0	I' 77775 1	C' 03540 0	I' 63246 1	C' 03554 0	I' 65256 0
36,2050	I' 43021 0	C' 00045 0	C' 00078 0	I' 43040 1	C' 74056 1	C' 00278 1	C' 27754 1	C' 00001 0
36,2060	I' 53435 0	C' 03582 0	C' 27648 0	C' 03540 0	I' 48208 1	C' 03846 0	I' 51352 1	I' 50258 0
36,2070	C' 00001 0	I' 65552 0	I' 77715 1	I' 50235 0	C' 03540 0	C' 03846 0	I' 75325 1	I' 77828 0
36,2100	C' 61180 1	C' 00047 1	C' 37748 0	C' 01340 1	I' 77220 1	C' 03857 0	C' 03540 0	I' 50258 0
36,2110	C' 03846 0	I' 75448 0	I' 43352 1	C' 34025 1	I' 57414 1	C' 00318 0	C' 74117 0	I' 40205 1
36,2120	C' 34011 0	C' 00001 0	I' 45208 1	C' 02617 0	C' 02811 0	I' 41525 0	I' 43342 0	I' 41415 1
36,2130	I' 43156 1	C' 03488 0	C' 16732 0	I' 50148 1	C' 74138 0	I' 77878 0	C' 16734 0	C' 03748 1
36,2140	C' 24047 1	C' 03554 0	I' 77857 0	C' 57178 0	C' 28857 1	C' 03582 0	I' 77857 0	C' 57178 0
36,2150	C' 38748 1	C' 24737 1	I' 77745 1	C' 00037 0	C' 03752 1	C' 18827 0	C' 02811 0	I' 73408 1
36,2160	C' 16732 0	I' 50148 1	C' 74184 1	I' 77878 0	C' 02734 0	I' 45150 1	C' 03745 1	C' 24737 1
36,2170	I' 43145 0	C' 00037 0	C' 03881 0	C' 18821 0	C' 15340 1	C' 18823 1	C' 34017 0	C' 18825 1
36,2200	C' 34013 1	I' 71214 0	C' 00318 0	C' 74205 0	C' 34015 1	C' 37750 1	C' 74230 0	I' 70545 1
36,2210	C' 02734 0	C' 14021 1	C' 02732 0	I' 77742 0	C' 34023 1	C' 47211 0	I' 43244 1	C' 74221 0
36,2220	C' 15340 1	I' 65221 0	C' 03750 0	C' 03752 1	I' 75225 0	C' 02821 0	I' 77840 0	C' 74432 1
36,2230	I' 77745 1	C' 03863 1	I' 43015 1	C' 03752 1	C' 01312 0	C' 74242 0	C' 34041 0	C' 27057 0
36,2240	I' 77850 1	C' 74244 0	C' 34041 0	C' 27045 0	I' 77775 1	C' 00007 0	C' 27840 0	C' 00001 0
36,2250	C' 03632 0	C' 17415 1	C' 03752 1	C' 17423 1	C' 02825 1	C' 18831 1	C' 02823 1	C' 18833 0
36,2260	C' 03863 1	C' 17503 1	C' 03748 1	C' 17746 1	C' 15332 1	I' 85201 1	C' 00001 0	C' 33147 0
36,2270	I' 77715 1	C' 03540 0	C' 27570 0	C' 03548 0	C' 37578 1	C' 22000 1	I' 52375 1	C' 03820 0
36,2300	C' 03840 0	I' 41448 1	C' 26637 1	C' 03846 0	I' 77848 0	C' 02835 0	I' 45415 0	C' 81154 0
36,2310	C' 03748 1	C' 24047 1	C' 03812 1	I' 77857 0	C' 57178 0	C' 26748 0	C' 03540 0	I' 77857 0
36,2320	C' 57178 0	C' 36857 0	C' 45322 0	I' 71354 0	C' 03748 1	I' 77857 0	C' 57578 1	C' 02825 1
36,2330	I' 71214 0	C' 03701 1	C' 74443 1	C' 02321 0	I' 50025 0	C' 02825 1	C' 74401 1	I' 45325 1
36,2340	C' 02321 0	C' 02831 1	I' 45240 0	C' 74380 1	I' 71240 1	C' 73534 1	C' 34005 0	I' 57414 1
36,2350	C' 00358 1	C' 74352 0	C' 03744 0	I' 43345 1	C' 03744 0	C' 03752 1	C' 37752 0	C' 74207 1
36,2360	I' 45214 1	C' 03481 1	I' 65301 0	C' 00047 1	C' 34023 1	I' 45215 0	C' 02321 0	C' 02825 1
36,2370	I' 70501 1	C' 00050 1	I' 58284 1	C' 00048 0	I' 53805 1	C' 03744 0	C' 57177 1	C' 37744 1



OCTAL LISTING FOR PARAGRAPH J 211, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" A DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACA (CONSTANTS)

36,2400	C' 74353 1	I' 45325 1	C' 02823 1	C' 02833 0	I' 51408 1	I' 50025 0	C' 34021 0	C' 74443 1
36,2410	I' 45345 1	C' 02321 0	C' 02831 1	I' 77725 1	I' 71240 1	C' 74424 0	I' 71244 0	C' 74360 1
36,2420	C' 03744 0	I' 57542 0	C' 37744 1	C' 74353 1	I' 77745 1	I' 71240 1	C' 74353 1	C' 34007 1
36,2430	I' 77650 1	C' 74347 1	I' 45345 1	C' 02825 1	C' 02321 0	I' 71240 1	C' 73534 1	C' 03752 1
36,2440	I' 77625 0	C' 03744 0	C' 03752 1	I' 77775 1	C' 03820 0	I' 65241 0	C' 03832 0	C' 02837 1
36,2450	I' 45565 0	C' 41140 1	C' 18440 0	I' 50375 0	C' 03540 0	C' 03812 1	I' 51165 1	C' 02837 1
36,2460	C' 74470 1	I' 57535 0	C' 33144 0	I' 51165 1	C' 02837 1	C' 74478 1	I' 52076 1	C' 74474 0
36,2470	I' 43135 1	C' 33144 0	C' 00318 0	C' 74478 1	I' 77625 0	C' 36100 0	C' 17646 0	C' 02825 1
36,2500	C' 36641 1	C' 03857 0	05301 0	C' 00004 0	06008 1	I' 66170 1	C' 04000 0	C' 03424 0
36,2510	I' 77776 1	33242 0	03231 1	12511 1	33246 1	03205 0	12514 1	08008 1
36,2520	I' 71331 0	C' 00122 0	C' 00000 1	C' 03767 1	C' 17632 0	C' 03771 0	C' 17634 0	C' 31667 1
36,2530	C' 17735 0	C' 33756 0	C' 37652 1	C' 64427 1	I' 77545 0	C' 03848 0	07171 1	C' 00002 0
36,2540	C' 02544 0	C' 35438 0	C' 14040 0	C' 05088 1	C' 44052 0	C' 60030 1	C' 28415 0	C' 25057 1
36,2550	06008 1	I' 77752 1	C' 17654 0	C' 31717 1	C' 17730 0	C' 33762 1	C' 17638 1	C' 03634 0
36,2560	I' 44254 1	C' 74570 0	C' 31655 0	I' 71408 0	I' 73525 1	I' 45465 1	C' 40051 1	C' 74603 1
36,2570	I' 45345 1	C' 03846 0	C' 33760 0	I' 71240 1	C' 74800 1	C' 33766 0	C' 37728 0	C' 74603 1
36,2600	I' 77745 1	C' 33764 1	C' 03726 1	I' 77624 1	C' 65138 0	I' 52054 1	C' 74610 0	C' 74772 0
36,2610	I' 77775 1	C' 03840 0	C' 16657 1	C' 03838 1	C' 28760 1	C' 03700 0	C' 38748 1	C' 84272 1
36,2620	I' 77615 0	C' 03716 1	C' 17738 0	C' 03834 0	I' 52054 1	C' 74827 1	C' 74651 0	I' 51575 1
36,2630	C' 03710 1	I' 77776 1	07171 1	C' 00002 0	C' 00000 1	C' 00000 1	C' 47021 1	C' 65002 0
36,2640	C' 35610 0	C' 07722 1	C' 63772 0	C' 63276 1	06008 1	I' 77615 0	C' 01352 1	I' 52052 1
36,2650	C' 74653 1	I' 77745 1	C' 03726 1	I' 41425 1	C' 03728 1	I' 53575 0	C' 03858 1	C' 38152 1
36,2660	C' 26437 0	I' 77615 0	C' 33772 0	I' 45208 1	C' 03838 1	I' 45248 0	C' 31754 0	I' 52040 1
36,2670	C' 74672 1	C' 74677 1	I' 51545 1	C' 00001 0	I' 50025 0	C' 31758 1	C' 74747 0	I' 43345 1
36,2700	C' 03730 0	C' 31675 1	I' 67240 0	C' 74707 1	C' 31735 1	I' 77650 1	C' 74772 0	C' 03730 0
36,2710	I' 53025 0	C' 31721 1	C' 74730 0	I' 45345 1	C' 00001 0	C' 03868 1	I' 65301 0	C' 00047 1
36,2720	C' 03870 0	I' 56225 1	C' 03726 1	I' 53605 1	C' 00001 0	C' 20201 0	I' 77650 1	C' 74732 1
36,2730	I' 77745 1	C' 00001 0	C' 14021 1	I' 77626 0	C' 60141 0	I' 77600 1	C' 74603 1	C' 17666 1
36,2740	C' 03726 1	C' 17670 0	C' 00021 1	I' 77615 0	C' 03726 1	C' 37728 0	C' 74603 1	I' 77624 1
36,2750	C' 74776 1	I' 41345 0	C' 03720 1	C' 03754 1	I' 53021 1	C' 03838 1	C' 74764 1	I' 71240 1
36,2760	C' 74764 1	C' 31655 0	I' 77650 1	C' 74768 0	I' 57545 1	C' 31655 0	C' 37761 0	C' 64515 1
36,2770	I' 77654 0	C' 75024 0	I' 77624 1	C' 64255 1	I' 77776 1	12502 0	I' 45020 1	C' 03763 0



OCTAL LISTING FOR PARAGRAPH J 212, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACA (CONSTANTS)

36,3000	C' 64311 0	I' 77776 1	33244 0	03215 1	34710 0	03211 0	13013 1	12502 0
36,3010	33245 1	03231 1	12502 0	33246 1	03205 0	12502 0	33247 0	03231 1
36,3020	12502 0	06006 1	I' 77650 1	C' 03763 0	I' 77624 1	C' 74776 1	I' 77776 1	34716 0
36,3030	55131 1	34712 1	55132 1	33243 1	03231 1	13033 0	06006 1	I' 67201 0
36,3040	C' 00001 0	C' 01133 1	I' 53025 0	C' 31667 1	C' 75053 0	I' 60335 1	C' 00111 0	C' 00047 1
36,3050	I' 52125 0	C' 31725 0	C' 75064 1	I' 43145 0	C' 31731 0	C' 00700 0	C' 75060 0	I' 77752 1
36,3060	I' 77752 1	I' 65301 0	C' 00047 1	C' 31727 1	I' 56325 0	C' 03706 0	I' 77776 1	07171 1
36,3070	C' 00001 0	C' 00001 0	C' 05070 0	C' 17527 1	C' 36700 0	C' 47114 0	C' 70670 1	06006 1
36,3100	I' 67206 1	C' 03076 0	I' 56205 0	I' 41257 1	C' 20165 1	C' 31733 1	I' 77621 1	C' 03716 1
36,3110	C' 03413 1	I' 77776 1	33242 0	03231 1	13112 1	34714 1	55125 1	55126 1
36,3120	06006 1	I' 77624 1	C' 65055 1	I' 53575 0	C' 03656 1	I' 74315 0	C' 03740 1	C' 31740 0
36,3130	I' 74315 0	C' 03746 1	C' 31742 1	I' 50255 0	I' 50015 0	C' 31744 1	C' 75163 1	I' 50375 0
36,3140	C' 03746 1	C' 03656 1	I' 71240 1	C' 75147 1	C' 31746 0	I' 52006 0	C' 75151 0	I' 41545 0
36,3150	C' 31750 1	I' 77756 0	C' 16732 0	I' 43146 0	C' 03666 1	C' 26734 0	C' 03640 0	C' 26657 1
36,3160	C' 03700 0	C' 36746 1	C' 24737 1	I' 43014 0	C' 01267 0	C' 03665 1	I' 77214 0	C' 01071 0
36,3170	I' 77626 0	C' 60362 0	C' 00037 0	I' 77615 0	C' 03716 1	C' 27656 1	C' 03700 0	I' 77651 0
36,3200	C' 03672 1	C' 37646 1	C' 73005 0	I' 77650 1	C' 75163 1	00006 1	23762 0	03215 1
36,3210	34712 1	05415 1	15112 1	01762 0	13240 0	00006 1	23733 1	04555 0
36,3220	C' 20763 1	14106 0	13225 0	13227 1	01733 1	51733 1	10004 1	51733 1
36,3230	10003 0	00006 1	23762 0	04555 0	C' 20624 0	14106 0	13240 0	01762 0
36,3240	51762 0	10001 1	C' 01441 1	C' 01006 0	C' 01475 0	C' 01447 1	C' 01474 1	C' 01521 0
36,3250	I' 77620 0	C' 02317 0	I' 66370 0	C' 00066 1	C' 00051 0	C' 00022 1	I' 66374 1	C' 00022 1
36,3260	C' 00052 0	C' 00006 1	I' 63775 1	C' 03502 0	C' 02467 0	C' 12745 1	I' 77775 1	C' 03510 0
36,3270	I' 52717 1	C' 02555 0	C' 75032 1	C' 12745 1	I' 77775 1	C' 03516 0	I' 52717 1	C' 02643 1
36,3300	C' 75032 1	C' 12745 1	I' 77700 0	C' 75304 1	I' 43104 0	C' 75262 0	C' 02706 1	C' 75313 1
36,3310	I' 77775 1	C' 15332 1	C' 02737 0	I' 77201 1	C' 00001 0	C' 02723 0	I' 47036 1	C' 45562 1
36,3320	I' 47515 0	C' 02731 0	I' 76234 0	C' 45562 1	I' 47515 0	C' 02737 0	I' 76234 0	C' 45562 1
36,3330	I' 77171 0	C' 03526 0	C' 00000 1	C' 01257 0	I' 40151 0	C' 03526 0	C' 75337 1	C' 01262 0
36,3340	I' 77654 0	C' 75350 0	I' 40112 1	C' 75350 0	C' 01262 0	I' 52114 1	C' 00001 0	C' 75342 0
36,3350	I' 61551 1	C' 01257 0	I' 75405 1	C' 01262 0	I' 76257 0	C' 57576 1	C' 01257 0	I' 63101 1
36,3360	C' 00050 1	C' 77775 1	I' 77134 1	C' 02215 0	C' 00242 0	I' 40265 1	C' 15322 0	C' 00001 0
36,3370	C' 03456 0	I' 60351 0	C' 01257 0	C' 00047 1	I' 65345 0	C' 00155 0	C' 03524 1	I' 77701 1



OCAL LISTING FOR PARAGRAPH J 213, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, "A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACB (CONSTANTS)

36,3400	C' 00051 0	I' 70460 1	C' 00050 1	I' 41471 0	I' 77650 1	C' 77676 0	I' 77731 1	C' 00052 0
36,3410	C' 00066 1	I' 60775 1	C' 02723 0	C' 75134 0	I' 77208 0	C' 02731 0	I' 53303 1	C' 75112 1
36,3420	I' 77206 0	C' 02737 0	I' 53303 1	C' 75070 1	I' 61006 0	C' 75411 1	I' 45575 1	C' 74303 1
36,3430	I' 45575 1	C' 74311 1	I' 45575 1	C' 74317 1	I' 77214 0	C' 02706 1	C' 75441 1	C' 15332 1
36,3440	C' 03474 0	I' 66374 1	C' 00022 1	C' 00052 0	C' 00006 1	I' 77773 1	C' 74275 1	I' 53761 1
36,3450	C' 00001 0	C' 20201 0	C' 11301 0	I' 77304 0	C' 75445 0	C' 01265 1	I' 77732 1	C' 01265 1
36,3460	I' 77650 1	C' 02317 0	I' 45020 1	C' 02317 0	C' 27371 1	I' 74375 0	C' 03460 0	C' 03456 0
36,3470	C' 26643 1	C' 03466 0	I' 77761 1	C' 03456 0	C' 26651 1	C' 03474 0	I' 77761 1	C' 03456 0
36,3500	C' 02657 1	I' 77776 1	33763 0	55252 1	55253 0	34714 1	55254 1	55255 0
36,3510	05301 0	C' 04022 0	05435 0	C' 00236 0	31253 1	55252 1	31255 1	55254 1
36,3520	06006 1	I' 73150 1	C' 01252 0	C' 01254 0	I' 70731 0	C' 00051 0	C' 00006 1	C' 75054 1
36,3530	I' 60276 1	C' 00052 0	I' 65161 1	C' 02643 1	C' 00051 0	I' 57144 1	C' 00047 1	C' 02215 0
36,3540	I' 65057 0	C' 57576 1	C' 00051 0	I' 77653 1	C' 02467 0	C' 02665 0	I' 57543 1	C' 75054 1
36,3550	I' 74301 0	C' 00052 0	C' 02651 1	I' 71124 0	C' 00051 0	C' 00047 1	I' 53674 1	C' 02215 0
36,3560	C' 57576 1	I' 52724 1	C' 00051 0	C' 02555 0	C' 02673 1	I' 77614 1	C' 02746 0	C' 75607 1
36,3570	I' 57543 1	C' 75054 1	I' 74301 0	C' 00052 0	C' 02657 1	I' 71124 0	C' 00051 0	C' 00047 1
36,3600	I' 53674 1	C' 02215 0	C' 57576 1	I' 52724 1	C' 00051 0	C' 02643 1	C' 02701 0	I' 77624 1
36,3610	C' 56741 0	I' 77776 1	31252 0	63784 1	55253 0	31254 0	67715 0	55255 0
36,3620	06006 1	I' 66350 1	C' 01252 0	C' 00051 0	C' 00006 1	I' 77775 1	C' 02665 0	C' 06467 1
36,3630	I' 77775 1	C' 02673 1	C' 06555 1	I' 77214 0	C' 02746 0	C' 75645 1	C' 02701 0	C' 06643 0
36,3640	I' 52100 1	C' 75643 1	C' 75653 0	I' 77634 0	C' 75510 1	I' 43335 0	C' 01256 1	C' 35766 0
36,3650	I' 52030 0	C' 75653 0	C' 75640 1	I' 77624 1	C' 56741 0	I' 53375 0	C' 01701 0	C' 01273 0
36,3660	C' 03450 0	I' 47014 1	C' 00707 1	C' 75753 1	C' 26745 0	I' 77004 0	C' 57343 1	C' 00000 1
36,3670	I' 77014 1	C' 04343 1	C' 75674 0	C' 00002 0	I' 53775 1	C' 01257 0	C' 57205 1	I' 40055 0
36,3700	C' 01521 0	C' 75713 0	C' 25521 0	C' 01265 1	I' 53257 1	C' 57202 0	C' 01527 0	I' 77600 1
36,3710	C' 75717 1	C' 35527 1	C' 75728 0	I' 53375 0	C' 01535 0	C' 01257 0	C' 01535 0	I' 53375 0
36,3720	C' 01543 1	C' 01265 1	C' 01543 1	I' 45134 0	C' 02150 1	C' 23344 0	I' 77624 1	C' 56741 0
36,3730	I' 47014 1	C' 00707 1	C' 75756 1	C' 26724 1	I' 77624 1	C' 20263 1	I' 77624 1	C' 56741 0
36,3740	I' 77214 0	C' 02746 0	C' 75745 0	C' 03450 0	C' 01701 0	I' 66150 0	C' 02317 0	C' 00052 0
36,3750	I' 77776 1	04574 0	C' 27406 0	I' 52034 1	C' 26700 1	C' 75665 0	I' 45034 1	C' 26651 1
36,3760	C' 20237 0	I' 77650 1	C' 75736 1	C' 00066 1	C' 77771 0	C' 00014 1	C' 03766 0	C' 03767 1
36,3770	OKS 40555 0	"	"	"	"	"	"	"



TOTAL LISTING FOR PARAGRAPH J 214, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A'S DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED A'S (INTERPRETIVE OPERATOR WORDS) OR A'S (CONSTANTS)

37,2000	C' 01231 0	34712 1	55132 1	34711 1	04555 0	C' 20761 0	04106 1	02011 0
37,2010	02003 0	32102 0	04555 0	C' 20624 0	04106 1	02017 0	02011 0	08008 1
37,2020	I' 77745 1	C' 01046 1	C' 02316 1	I' 45335 0	C' 01133 1	C' 36100 0	I' 71230 0	C' 76042 0
37,2030	C' 02316 1	C' 34041 0	C' 27036 1	I' 48135 1	C' 00050 1	C' 76050 0	I' 43175 0	C' 00001 0
37,2040	C' 01423 0	C' 76053 0	I' 77745 1	C' 02316 1	C' 34041 0	C' 27022 1	I' 77650 1	C' 76033 0
37,2050	I' 43175 0	C' 00001 0	C' 01663 0	C' 16152 0	C' 00015 0	I' 45014 0	C' 00662 0	C' 26322 0
37,2060	I' 77776 1	32101 0	04555 0	C' 20624 0	04106 1	04106 1	08008 1	I' 43345 1
37,2070	C' 02316 1	C' 38076 0	C' 01046 1	I' 77634 0	C' 76011 0	C' 00003 1	C' 25140 0	C' 00001 0
37,2100	C' 00000 1	C' 01453 1	C' 01442 1	I' 57546 1	C' 14017 1	I' 77756 0	C' 14013 0	C' 15332 1
37,2110	C' 00015 0	I' 41335 1	C' 03310 0	C' 03301 0	I' 45261 0	C' 20217 1	C' 15330 0	I' 45215 0
37,2120	C' 02634 1	C' 02401 0	I' 77634 0	C' 70473 0	I' 71406 0	I' 77608 1	I' 72405 0	C' 00017 1
37,2130	C' 14027 1	I' 77676 0	C' 00023 0	I' 72405 0	C' 00013 0	C' 14033 1	I' 41556 1	C' 00031 0
37,2140	I' 72405 0	C' 00017 1	C' 14021 1	I' 77676 0	I' 72405 0	C' 00013 0	C' 24025 0	C' 00013 0
37,2150	I' 77656 1	C' 26714 1	C' 00021 1	I' 77656 1	C' 26722 1	C' 00027 1	I' 77656 1	C' 36730 0
37,2160	C' 47140 1	I' 41575 0	C' 02760 1	I' 45006 0	C' 47432 1	I' 47175 1	C' 00003 1	C' 45547 0
37,2170	C' 27317 1	C' 15332 1	C' 24001 0	C' 00787 1	I' 47034 0	C' 45547 0	C' 70453 1	C' 14013 0
37,2200	C' 00741 0	I' 72405 0	C' 00001 0	I' 60415 1	C' 00005 1	I' 77650 1	C' 70366 0	04555 0
37,2210	C' 17573 0	34714 1	55126 1	55125 1	05435 0	C' 00120 1	05447 0	C' 00026 0
37,2220	05435 0	C' 00031 0	05435 0	C' 00027 1	05435 0	C' 00010 0	05261 1	C' 00004 0
37,2230	C' 05022 1	C' 26000 0	08006 1	I' 77634 0	C' 45505 0	C' 35225 1	C' 56343 0	I' 43014 0
37,2240	C' 02756 1	C' 76243 0	C' 01476 0	I' 43014 0	C' 00707 1	C' 76247 1	C' 01674 0	I' 77624 1
37,2250	C' 27113 1	I' 77624 1	C' 56741 0	I' 77624 1	C' 56343 0	I' 43014 0	C' 00747 0	C' 76261 0
37,2260	C' 01674 0	I' 77624 1	C' 27113 1	I' 77776 1	37663 0	05042 1	C' 02512 0	C' 70067 1
37,2270	05261 1	C' 00072 1	C' 00111 0	34761 0	05103 0	34706 1	70075 1	00006 1
37,2300	15112 1	34676 1	70077 0	00006 1	15112 1	34714 1	55775 1	05435 0
37,2310	C' 00126 1	04555 0	C' 76536 0	05447 0	C' 00126 1	34751 0	54003 0	05435 0
37,2320	C' 00024 1	06006 1	I' 77624 1	C' 30002 0	I' 77776 1	04555 0	C' 18070 1	34712 1
37,2330	55332 0	05112 0	C' 00203 0	I' 43020 1	C' 03667 0	C' 03347 1	C' 03667 0	I' 46135 1
37,2340	C' 02745 0	C' 60213 1	I' 50025 0	C' 21646 0	C' 60173 1	I' 70152 0	C' 00154 1	I' 70601 1
37,2350	C' 00001 0	C' 23705 1	I' 64723 0	C' 23623 1	C' 23541 0	I' 77666 1	C' 35104 1	C' 03667 0
37,2360	I' 77420 1	C' 02317 0	34753 1	54003 0	36211 0	71044 1	10000 0	02437 0
37,2370	34711 1	27044 1	05435 0	C' 00116 1	32442 1	04555 0	C' 20504 1	04106 1



OCTAL LISTING FOR PARAGRAPH J 215, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" A DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED A1A (INTERPRETIVE OPERATOR WORDS) OR ACA (CONSTANTS)

37,2400	02424 1	02424 1	34716 0	05415 1	05112 0	32441 1	04555 0	C' 20504 1
37,2410	04106 1	02416 0	02372 0	34715 0	05415 1	05112 0	32444 1	54001 1
37,2420	31732 0	00006 1	20001 1	55342 1	05447 0	C' 00118 1	34751 0	54003 0
37,2430	34761 0	05027 1	C' 05423 1	C' 04082 1	06008 1	I' 77650 1	C' 02317 0	05604 0
37,2440	C' 01211 1	C' 01527 0	C' 16600 0	C' 14600 1	C' 61740 0	05435 0	C' 00037 0	37716 0
37,2450	55725 1	55734 1	30075 0	74702 1	00008 1	12510 0	32535 0	04555 0
37,2460	C' 20465 1	02527 0	02464 0	02456 1	32534 1	04555 0	C' 20470 0	02527 0
37,2470	12516 0	36211 0	05475 1	C' 01725 0	C' 01734 0	00008 1	30025 0	53726 1
37,2500	30033 1	55727 0	30034 0	55731 1	30032 0	55733 0	00003 1	02464 0
37,2510	32443 0	04555 0	C' 20470 0	02527 0	12516 0	12510 0	31725 0	64712 1
37,2520	00006 1	12527 1	36211 0	05475 1	C' 01725 0	C' 01734 0	00003 1	04555 0
37,2530	C' 20464 0	05447 0	C' 00037 0	05423 1	C' 15200 1	C' 01536 0	34752 0	56003 1
37,2540	55771 0	04604 1	55770 1	11775 1	02575 1	02547 0	02576 1	06008 1
37,2550	I' 77624 1	C' 71225 1	I' 77776 1	50154 1	02555 0	02574 0	05447 0	C' 00124 0
37,2560	44712 0	55775 1	05435 0	C' 00077 1	04555 0	C' 56000 1	05447 0	C' 00077 1
37,2570	05301 0	C' 00111 0	34714 1	02575 1	36214 0	55775 1	31770 0	22000 1
37,2600	31771 1	56003 1	22000 1	04577 0	34768 1	05027 1	C' 03636 1	C' 14063 1
37,2610	02625 1	37667 1	05042 1	C' 03141 0	C' 76067 1	34735 1	05140 1	C' 02847 0
37,2620	C' 76066 0	44711 0	04114 1	C' 00005 1	15213 0	00008 1	22070 0	03157 1
37,2630	34712 1	55230 0	40075 1	74712 0	26075 1	34672 0	70076 1	54076 1
37,2640	40103 1	74705 0	26103 1	34714 1	55425 1	55426 1	00070 0	03157 1
37,2650	34715 0	54001 1	40000 0	52763 1	34712 1	55230 0	34711 1	55227 0
37,2660	40102 0	74711 0	10000 0	02736 1	41246 1	55065 1	00006 1	31662 1
37,2670	53670 0	31663 0	57671 0	00006 1	31665 0	53673 0	31666 0	57674 0
37,2700	30102 1	74677 1	00006 1	12721 0	32771 1	05140 1	C' 02772 1	C' 76066 0
37,2710	31162 0	57533 0	55536 1	31164 0	57534 1	55537 0	31166 1	57535 0
37,2720	55540 0	34715 0	55725 1	33136 0	05140 1	C' 03227 0	C' 32066 0	46214 1
37,2730	04114 1	C' 00001 0	34362 1	54001 1	40000 0	52763 1	40075 1	74712 0
37,2740	10000 0	02761 0	34735 1	05140 1	C' 02647 0	C' 76066 0	34675 1	05042 1
37,2750	C' 03007 0	C' 76067 1	44710 1	04114 1	C' 00005 1	34702 0	00006 1	05011 1
37,2760	15213 0	00006 1	32766 1	53223 1	12746 1	C' 03070 0	C' 76067 1	55227 0
37,2770	05156 0	C' 00062 0	34711 1	54070 1	50000 1	30037 0	50070 0	57533 0

OCTAL LISTING FOR PARAGRAPH J 216, WITH PARITY BIT IN DINARY AT THE RIGHT OF EACH WORD, A" A DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED A1A (INTERPRETIVE OPERATOR WORDS) OR A"CA (CONSTANTS)

37,3000	30070 0	55536 1	10070 1	12773 1	11227 0	12767 1	05213 1	34711 1
37,3010	00004 0	54070 1	60000 1	50000 1	11162 1	03017 1	03025 0	03135 0
37,3020	00006 1	03025 0	05537 0	C' 00205 0	03046 0	10070 1	13011 0	05301 0
37,3030	C' 16035 0	C' 20000 0	C' 03036 1	C' 76087 1	04555 0	C' 15262 0	06006 1	I' 51575 1
37,3040	C' 01163 1	I' 77405 0	C' 37354 1	00006 1	30155 0	21426 1	05301 0	C' 10035 0
37,3050	06006 1	I' 77624 1	C' 77323 0	I' 77776 1	05301 0	C' 10035 0	34113 0	05475 1
37,3060	C' 01231 0	C' 01170 0	00003 1	05301 0	C' 10035 0	00006 1	31223 0	52006 0
37,3070	31205 1	55074 1	05435 0	C' 00036 1	05261 1	C' 00005 1	C' 05022 1	C' 20000 0
37,3100	06006 1	I' 77624 1	C' 27472 0	I' 77776 1	34714 1	55125 1	55126 1	04555 0
37,3110	C' 17112 0	44702 1	55734 1	00006 1	03011 1	05447 0	C' 00147 0	05447 0
37,3120	C' 00162 1	34704 0	70074 0	00006 1	13130 1	05261 1	C' 00111 0	C' 00132 1
37,3130	04574 0	C' 10123 0	05301 0	C' 00035 1	15112 1	C' 63401 1	C' 00170 1	C' 00372 1
37,3140	C' 00044 1	34720 0	05475 1	C' 01231 0	C' 01170 0	00003 1	06006 1	I' 45175 0
37,3150	C' 01171 1	C' 77256 0	C' 25207 0	C' 01256 1	C' 01215 0	I' 77776 1	15112 1	00006 1
37,3160	30025 0	53246 1	44714 0	55224 0	55225 1	55226 1	34714 1	55166 0
37,3170	55164 1	55163 0	55165 0	55167 1	55230 0	00006 1	40040 1	53225 1
37,3200	52040 1	55162 1	23164 0	40041 0	57226 0	56041 1	55166 0	00002 0
37,3210	10763 1	13213 0	15213 0	37665 0	55074 1	11230 0	12647 1	33255 0
37,3220	54002 1	11166 0	00002 0	13226 0	00002 0	00002 0	22007 0	11164 1
37,3230	13233 1	13242 1	13233 1	22041 1	11226 1	41226 1	13206 1	13235 1
37,3240	23166 1	00002 0	11224 0	41224 0	13247 1	13243 0	13175 0	55162 1
37,3250	41225 1	55164 1	44714 0	52040 1	13203 1	C' 02650 0	I' 41456 0	C' 01760 1
37,3260	I' 67340 1	C' 03746 1	C' 00047 1	I' 77240 1	C' 77312 1	I' 41441 0	C' 01714 1	I' 44316 0
37,3270	C' 37364 1	I' 56325 0	C' 37366 0	C' 00043 0	C' 00041 1	I' 41205 0	C' 37370 1	I' 65361 0
37,3300	C' 01760 1	I' 41205 0	C' 37372 0	C' 00041 1	I' 53361 0	C' 01714 1	I' 77626 0	C' 76521 0
37,3310	I' 41455 0	C' 01760 1	I' 60345 0	C' 00043 0	C' 00050 1	I' 53663 1	C' 37356 0	C' 56623 0
37,3320	I' 45561 1	C' 76527 0	I' 77616 0	I' 74375 0	C' 01163 1	C' 37354 1	I' 76505 0	C' 01736 1
37,3330	C' 03433 0	I' 41562 0	I' 41455 0	C' 01207 0	I' 74255 0	C' 01177 1	C' 37362 1	I' 44055 1
37,3340	C' 01171 1	C' 00037 0	C' 35232 1	C' 77256 0	I' 53255 0	I' 77655 1	C' 01177 1	C' 35240 1
37,3350	C' 00037 0	C' 03215 1	C' 27057 0	C' 02312 0	C' 32537 1	C' 61377 0	C' 55754 1	C' 77644 1
37,3360	C' 65556 1	C' 00000 1	C' 31000 0	C' 01463 1	C' 06315 0	C' 00001 0	C' 05000 1	C' 02047 0
37,3370	C' 36332 0	C' 00152 1	C' 14511 1	06006 1	I' 77201 1	C' 00001 0	C' 01177 1	I' 63361 0

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACB (CONSTANTS)

37,3400	C'	37872 0	C'	01714 1	I'	74235 0	C'	01760 1	C'	15244 1	I'	45455 1	C'	74251 1	I'	72056 1
37,3410	C'	00044 1	C'	03542 1	I'	57435 1	C'	01780 1	I'	88256 0	C'	00051 0	C'	00476 1	I'	77300 1
37,3420	C'	77422 0	C'	03534 0	C'	03550 1	C'	03534 0	I'	57435 1	C'	03542 1	I'	77772 0	C'	07356 1
37,3430	I'	77751 1	C'	03270 1	C'	14031 0	C'	00032 0	I'	41434 1	C'	45510 1	I'	77748 1	C'	17584 0
37,3440	I'	57556 0	C'	17570 0	C'	00033 1	I'	41434 1	C'	45510 1	I'	65356 1	I'	65346 0	C'	00001 0
37,3450	I'	74278 1	C'	03564 0	C'	17772 0	C'	17572 1	C'	00003 1	C'	17574 1	C'	00031 0	I'	41434 1
37,3460	C'	45510 1	I'	65356 1	I'	74348 0	C'	03572 1	C'	17572 1	C'	00005 1	I'	57405 1	C'	03570 0
37,3470	I'	77815 0	C'	03572 1	C'	17572 1	I'	43205 1	C'	03564 0	C'	03576 0	C'	27576 0	C'	03572 1
37,3500	I'	72505 1	C'	01736 1	C'	17572 1	I'	76561 1	C'	03564 0	C'	17564 0	I'	77626 0	C'	50211 0
37,3510	C'	03564 0	I'	76505 0	C'	01736 1	C'	03564 0	I'	76435 1	C'	03572 1	C'	27600 1	C'	03542 1
37,3520	I'	53435 0	C'	03572 1	I'	50206 0	C'	03556 1	C'	24021 1	C'	00001 0	I'	77641 1	C'	03550 1
37,3530	C'	34023 1	C'	47211 0	C'	24007 0	C'	03572 1	I'	72441 0	C'	03542 1	I'	77736 0	C'	24010 0
37,3540	C'	03564 0	I'	77641 1	C'	00001 0	C'	24023 0	I'	77641 1	C'	03600 1	C'	34021 0	C'	47211 0
37,3550	C'	24011 1	C'	01760 1	I'	72441 0	C'	03556 1	I'	77726 1	C'	00013 0	I'	77551 0	C'	00007 0
37,3560		34752 0		54003 0		50120 1		40012 0		57722 1		54001 1		00004 0		40102 0
37,3570		74700 0		00006 1		13575 1		26102 0		63610 0		40001 1		61722 1		00006 1
37,3600		73673 1		55723 1		00006 1		63605 1		40000 0		64715 0		00008 1		63612 1
37,3610		34714 1		55723 1		40154 0		60000 1		03663 1		00006 1		61672 0		61664 1
37,3620		03663 1		55770 1		40156 1		60000 1		03663 1		00006 1		61673 1		61665 0
37,3630		03663 1		55771 0		40155 1		60000 1		00006 1		61674 0		61666 0		57772 1
37,3640		34744 1		54003 0		00006 1		31675 0		53447 0		34752 0		54003 0		00006 1
37,3650		31771 1		53665 1		31772 1		55666 1		00003 1		06006 1		51575 1		01177 1
37,3660	C'	03723 1	I'	77650 1	C'	03324 1		54001 1		00002 0		50000 1		34673 1		26001 1
37,3670		00002 0	C'	45730 1	C'	53410 1	C'	03146 1	C'	03647 1	C'	76066 0		51575 1	C'	02723 0
37,3700	C'	24045 0	C'	02731 0	I'	41446 1	I'	50025 0	C'	00045 0	C'	77710 1	I'	45545 1	C'	77732 1
37,3710	I'	51575 1	C'	02737 0	I'	45206 1	C'	00045 0	I'	71240 1	C'	77720 1	I'	77626 0	C'	77732 1
37,3720	I'	66145 1	C'	00045 0	C'	00044 1	I'	62101 0	C'	00047 1	C'	00002 0	I'	53775 1	C'	02723 0

OCAL LISTING FOR PARAGRAPH J 220, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" A DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED A1A (INTERPRETIVE OPERATOR WORDS) OR ACA (CONSTANTS)

40,2000	34712 1	57012 0	54115 0	11042 1	02008 0	02013 1	42057 0	60154 1
40,2010	00008 1	12013 0	04410 0	56154 1	54117 1	50000 1	02017 0	03335 1
40,2020	02076 1	02076 1	02076 1	02076 1	02076 1	02076 1	02076 1	02082 1
40,2030	02082 1	03335 1	03335 1	03335 1	03335 1	03335 1	03335 1	02074 0
40,2040	02255 1	03504 0	03335 1	03335 1	03335 1	03335 1	03335 1	03335 1
40,2050	03382 0	02310 1	02275 0	02060 0	03335 1	02370 1	02271 1	C' 00022 1
40,2060	04574 0	C' 62002 1	10777 1	02067 1	02067 1	05112 0	05112 0	36214 0
40,2070	71000 1	10000 0	02076 1	03335 1	34714 1	54117 1	10777 1	02103 1
40,2100	02103 1	02102 0	05112 0	02225 0	11015 0	34714 1	55015 0	02110 0
40,2110	50117 0	34072 0	74362 0	54124 1	30777 0	54143 0	03225 1	36214 0
40,2120	71000 1	10000 0	02133 1	50137 1	57001 1	54022 0	40022 0	40022 0
40,2130	56022 1	60117 0	02150 1	50137 1	57001 1	54154 0	34714 1	54155 1
40,2140	34377 0	07258 1	56155 0	60117 0	54155 1	02150 1	26154 0	02166 1
40,2150	50137 1	55001 0	40777 1	50137 1	62218 0	00006 1	12160 0	02213 0
40,2160	36214 0	71000 1	10000 0	02166 1	40777 1	02214 1	44712 0	60137 1
40,2170	00006 1	62164 0	07052 1	C' 02223 0	36214 0	71000 1	50000 1	02177 1
40,2200	02204 0	00006 1	40156 1	52156 1	56156 0	50137 1	55004 0	56155 0
40,2210	50137 1	55001 0	02164 0	10777 1	54777 1	05112 0	C' 00022 1	C' 00020 0
40,2220	C' 00012 1	C' 00005 1	C' 00000 1	C' 05174 0	C' 13261 0	50777 0	32231 0	54137 0
40,2230	00002 0	C' 00004 0	C' 00004 0	C' 00004 0	C' 00004 0	C' 00004 0	C' 00003 1	C' 00003 1
40,2240	C' 00003 1	C' 00003 1	C' 00003 1	C' 00002 0	C' 00002 0	C' 00002 0	C' 00002 0	C' 00002 0
40,2250	05640 0	C' 00001 0	C' 00001 0	C' 00000 1	C' 00000 1	34714 1	55001 0	34374 0
40,2260	54777 1	02502 1	34712 1	55000 1	34714 1	55013 0	34233 1	54136 1
40,2270	05112 0	34714 1	55002 0	34375 1	02260 1	02347 0	02334 1	34711 1
40,2300	50137 1	64704 0	27000 1	11015 0	34714 1	35015 0	02307 1	05112 0
40,2310	02347 0	02314 0	34712 1	02300 0	22002 0	02225 0	50137 1	32342 0
40,2320	54123 0	64712 1	54122 1	34714 1	54124 1	56123 1	03307 0	34700 1
40,2330	54124 1	56122 0	03307 0	00001 0	22002 0	02225 0	50137 1	32342 0
40,2340	54122 1	64712 1	54123 0	02323 1	C' 00005 1	C' 00003 1	C' 00000 1	22002 0
40,2350	36214 0	71000 1	10000 0	05112 0	44333 1	02363 0	44334 0	02363 0
40,2360	44335 1	02363 0	05112 0	60777 0	00006 1	12367 0	00002 0	00001 0
40,2370	10777 1	64712 1	02374 0	64712 1	50000 1	32231 0	54137 0	11015 0



OCAL LISTING FOR PARAGRAPH J 221, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" DENOTES UNUSED FIXED MEMORY
ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED A" (INTERPRETIVE OPERATOR WORDS) OR A" (CONSTANTS)

40,2400	02406 1	02403 1	02403 1	30137 1	02430 1	02423 0	10137 0	54137 0
40,2410	02430 1	32500 0	27013 0	30137 1	54125 0	00006 1	27001 0	04555 0
40,2420	C' 62337 1	30125 1	54137 0	02426 0	25015 1	05112 0	22002 0	02441 1
40,2430	67715 0	10000 0	00002 0	05640 0	05112 0	00002 0	54777 1	22002 0
40,2440	02225 0	34714 1	50137 1	55001 0	50137 1	55004 0	54124 1	50137 1
40,2450	44704 1	71000 1	72501 0	55000 1	50137 1	32471 1	54143 0	03225 1
40,2460	50137 1	32474 1	54777 1	02502 1	44711 0	26777 1	02502 1	50137 1
40,2470	34331 1	54777 1	00001 0	C' 00016 0	C' 00005 1	C' 00004 0	C' 00015 0	C' 00011 1
40,2500	C' 00003 1	C' 77774 0	30777 0	54021 0	42515 0	00004 0	50021 1	57023 1
40,2510	00006 1	62513 1	25016 1	00003 1	00002 0	C' 04000 0	34714 1	54156 1
40,2520	02555 0	02523 1	02550 0	02566 0	10154 0	56154 1	02531 1	02540 1
40,2530	67716 0	62602 1	54154 0	02536 0	34674 0	26154 0	34711 1	02517 0
40,2540	56154 1	62602 1	10000 0	02532 1	05640 0	64712 1	40000 0	02532 1
40,2550	00006 1	50156 0	32577 0	52124 1	00002 0	10154 0	00002 0	00002 0
40,2560	12561 0	44674 1	70154 0	54154 0	50002 0	00001 0	00006 1	50156 0
40,2570	32577 0	52155 1	07256 1	52124 1	20155 1	02606 0	C' 05605 1	C' 03656 1
40,2600	C' 16314 0	C' 31463 1	C' 16040 1	52124 1	52155 1	04431 0	04574 0	C' 62563 0
40,2610	52124 1	52155 1	04431 0	02615 1	02627 0	56156 0	56155 0	54154 0
40,2620	02606 0	02627 0	02606 0	02627 0	36211 0	03056 1	02606 0	56002 0
40,2630	54162 0	02653 0	07226 0	07052 1	C' 00123 1	00162 1	02437 0	02314 0
40,2640	30154 1	03211 0	46214 1	50117 0	64333 0	54777 1	02653 0	30155 0
40,2650	03211 0	04574 0	C' 62565 0	56002 0	54144 1	50140 1	02656 0	02673 1
40,2660	50117 0	30150 0	74372 1	04327 0	00006 1	50000 1	30001 0	52155 1
40,2670	34714 1	54156 1	00144 0	30145 1	02664 1	50140 1	02676 1	02701 0
40,2700	03323 0	00006 1	50145 1	30001 0	52155 1	34333 0	54777 1	34714 1
40,2710	54156 1	07226 0	03178 1	00136 0	07052 1	C' 02757 0	10155 1	34700 1
40,2720	02722 1	44700 0	60155 0	03070 0	04420 0	04420 0	03077 1	04420 0
40,2730	10154 0	02735 1	02735 1	40000 0	54154 0	10162 0	02753 1	02747 1
40,2740	10154 0	05640 0	02751 0	02744 1	56154 1	74672 1	54154 0	04574 0
40,2750	C' 63150 0	44672 1	02746 0	40154 0	74672 1	40000 0	02746 0	C' 26161 0
40,2760	C' 30707 1	C' 21616 0	C' 07071 0	C' 71527 1	07052 1	C' 00123 1	56156 0	56155 0
40,2770	56154 1	00006 1	12774 0	04161 0	03066 1	03077 1	02747 1	07052 1



OCTAL LISTING FOR PARAGRAPH J 222, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" DENOTES UNUSED FIXED MEMORY
ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACA (CONSTANTS)

40,3000	C' 00123 1	02774 1	10154 0	03007 0	03007 0	04161 0	04161 0	32763 1
40,3010	26154 0	07052 1	C' 02761 0	34677 0	60155 0	03070 0	02725 0	07052 1
40,3020	C' 00123 1	56156 0	60000 1	54156 1	34714 1	60155 0	03070 0	03077 1
40,3030	50140 1	03031 0	03042 1	30117 0	60145 1	54002 1	56155 0	50002 0
40,3040	54001 1	02747 1	34714 1	03034 0	07052 1	C' 00123 1	36211 0	03056 1
40,3050	03021 1	07052 1	C' 00123 1	34711 1	03056 1	03021 1	56002 0	54124 1
40,3060	56002 0	54123 0	04420 0	10123 0	03061 0	00124 0	56155 0	60000 1
40,3070	54155 1	00002 0	60154 1	54154 0	00002 0	54162 0	00002 0	10162 0
40,3100	04161 0	00002 0	04161 0	56002 0	54144 1	10154 0	03116 1	03116 1
40,3110	64712 1	54154 0	02334 1	40155 1	54155 1	00144 0	02314 0	00144 0
40,3120	00006 1	33164 1	20155 1	00006 1	13130 1	00006 1	34672 0	52155 1
40,3130	00002 0	56002 0	54115 0	03103 0	03120 1	34710 0	54137 0	34377 0
40,3140	07256 1	50154 1	34072 0	74362 0	54124 1	34714 1	56156 0	56155 0
40,3150	54154 0	56777 0	54143 0	10000 0	54777 1	03225 1	10137 0	03136 0
40,3160	44374 1	54777 1	00115 1	C' 00000 1	C' 02476 0	56002 0	54115 0	03103 0
40,3170	03135 0	56002 0	54115 0	03103 0	34712 1	03136 0	56002 0	54115 0
40,3200	34714 1	54124 1	36214 0	03307 0	34710 0	03307 0	03103 0	34334 1
40,3210	03136 0	00006 1	73221 1	22154 1	34714 1	54155 1	56002 0	54115 0
40,3220	03174 0	C' 00244 0	03211 0	04574 0	C' 62346 1	56002 0	54114 1	34362 1
40,3230	70143 0	54021 0	56021 1	54141 1	34712 1	70143 0	10000 0	03241 0
40,3240	03251 1	56124 0	04354 1	54124 1	34675 1	70143 0	10000 0	34711 1
40,3250	64712 1	54143 0	00004 0	50141 0	11023 0	03257 1	05640 0	64712 1
40,3260	54142 1	50143 1	73303 0	00006 1	60124 0	00006 1	13301 1	50143 1
40,3270	43303 0	70142 1	60124 0	40000 0	50141 0	57023 1	00006 1	63301 0
40,3300	25016 1	00003 1	00114 0	C' 00037 0	C' 01740 0	C' 02000 0	C' 03740 1	54141 1
40,3310	34711 1	54143 0	56002 0	54114 1	03252 1	03225 1	33320 0	04577 0
40,3320	C' 63401 1	44374 1	54777 1	43342 0	60136 0	00006 1	13337 1	43341 0
40,3330	60136 0	00006 1	13334 1	03335 1	04220 0	04400 1	05112 0	05622 1
40,3340	C' 01501 1	C' 04140 0	04216 0	34712 1	55014 1	04220 0	04473 0	04447 1
40,3350	03450 0	44712 0	03344 1	34714 1	55013 0	44374 1	54777 1	03343 0
40,3360	44714 0	03344 1	44710 1	00006 1	03011 1	10115 0	34675 1	71021 1
40,3370	10000 0	03400 0	04473 0	11042 1	03376 0	05112 0	04574 0	C' 21176 1



OCTAL LISTING FOR PARAGRAPH J 224, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" A DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED A1A (INTERPRETIVE OPERATOR WORDS) OR ACB (CONSTANTS)

41,2000	03534 0	02771 1	34714 1	55015 0	34233 1	54136 1	11013 0	02035 0
41,2010	02035 0	02012 0	32033 0	61013 1	00006 1	12027 1	36214 0	71000 1
41,2020	10000 0	02023 1	02027 0	10777 1	02350 0	02350 0	02027 0	41013 0
41,2030	55013 0	04447 1	01013 1	C' 03421 0	C' 00034 0	34714 1	55000 1	44374 1
41,2040	54777 1	41001 0	55041 1	62034 1	00006 1	62133 1	00006 1	32114 1
41,2050	52006 0	50140 1	02052 1	02055 0	02221 1	10146 0	02131 0	02350 0
41,2060	02084 1	25017 0	04325 1	02120 0	34674 0	55015 0	44233 0	60136 0
41,2070	00006 1	12073 0	02116 0	02306 0	11000 1	04161 0	44374 1	54777 1
41,2100	11042 1	02104 0	02105 1	02104 0	04443 0	57005 0	04317 0	00006 1
41,2110	32114 1	52006 0	02133 1	C' 02062 1	C' 64101 0	C' 77772 0	30156 0	04317 0
41,2120	44715 1	61001 1	00006 1	12133 0	34335 0	54777 1	31017 0	03353 1
41,2130	02133 1	64712 1	04317 0	42145 1	61001 1	10000 0	64712 1	02141 1
41,2140	02146 0	54154 0	04473 0	04574 0	C' 66000 1	C' 00050 1	51001 1	32151 0
41,2150	04577 0	C' 62350 0	C' 62364 1	C' 62372 0	C' 62377 0	C' 62357 1	C' 62352 1	C' 62520 1
41,2160	C' 60875 0	C' 62350 0	C' 62350 0	C' 61323 1	C' 63220 1	C' 63220 1	C' 63220 1	C' 63220 1
41,2170	C' 63220 1	C' 63220 1	C' 63220 1	C' 62350 0	C' 62350 0	C' 62350 0	C' 62726 0	C' 62737 0
41,2200	C' 62754 0	C' 62877 0	C' 62612 0	C' 62350 0	C' 63343 0	C' 62350 0	C' 62350 0	C' 63456 0
41,2210	C' 63502 0	C' 61360 0	C' 61343 1	C' 61351 1	C' 63803 1	C' 12347 1	C' 63420 1	C' 62350 0
41,2220	C' 62350 0	10146 0	02226 0	02350 0	02226 0	02226 0	46211 1	61001 1
41,2230	00006 1	62233 1	02133 1	34711 1	54117 1	62260 1	54145 0	50117 0
41,2240	30150 0	54122 1	03027 1	02261 0	02246 0	24122 0	30122 0	74372 1
41,2250	04327 0	50000 1	30000 1	50145 1	56000 1	10117 1	02234 0	02133 1
41,2260	00125 1	50000 1	12263 0	00002 0	00002 0	00002 0	00002 0	12300 1
41,2270	12300 1	00002 0	12300 1	00002 0	00002 0	12300 1	00002 0	00002 0
41,2300	50002 0	00001 0	34333 0	12307 0	34334 1	12307 0	34335 0	54777 1
41,2310	40002 1	55013 0	04555 0	C' 60437 1	04443 0	00136 0	55002 0	56002 0
41,2320	54117 1	00006 1	32114 1	52006 0	10146 0	64712 1	12331 0	12332 0
41,2330	12332 0	04317 0	34375 1	54777 1	31002 1	12344 1	55001 0	56002 0
41,2340	54117 1	34374 0	54777 1	31001 1	04574 0	C' 61222 1	00117 0	04161 0
41,2350	04574 0	C' 61323 1	44711 0	02423 0	50145 1	40002 1	56132 1	44712 0
41,2360	02423 0	50145 1	40001 1	56131 1	02442 1	02465 1	50145 1	40000 0
41,2370	56130 0	02404 0	44712 0	02436 1	50145 1	40001 1	02370 1	44711 0



OCTAL LISTING FOR PARAGRAPH J 225, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A "A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACA (CONSTANTS)

41,2400	02436 1	50145 1	40002 1	02370 1	44711 0	61001 1	10000 0	02412 1
41,2410	00136 0	02412 1	54122 1	50000 1	34333 0	54777 1	50122 0	40130 1
41,2420	03353 1	56122 0	02406 1	54123 0	22002 0	02512 0	04345 1	76214 1
41,2430	60123 1	10000 0	00001 0	05640 0	02350 0	00001 0	54123 0	22002 0
41,2440	02442 1	02425 0	00006 1	22156 0	02512 0	74675 0	10000 0	02350 0
41,2450	00156 0	22002 0	02512 0	74675 0	10000 0	04161 0	00001 0	22002 0
41,2460	02512 0	10000 0	00001 0	00001 0	02350 0	22002 0	30146 1	64712 1
41,2470	00006 1	12503 1	50140 1	02473 0	02476 0	00001 0	03021 1	02261 0
41,2500	00001 0	24145 1	00001 0	00006 1	51017 0	00000 1	40000 0	12370 0
41,2510	C' 00147 0	C' 00146 1	50140 1	32507 1	50000 1	30000 1	74364 0	00002 0
41,2520	02512 0	04345 1	76214 1	54117 1	54122 1	80145 1	50000 1	40000 0
41,2530	50122 0	57003 0	10122 1	02524 0	34714 1	54155 1	54156 1	50117 0
41,2540	34333 0	54777 1	50117 0	41003 1	54154 0	03042 1	54123 0	00006 1
41,2550	32562 1	52006 0	50140 1	02553 0	02557 1	03027 1	02572 0	03021 1
41,2560	02572 0	C' 02120 0	C' 64101 0	04555 0	C' 61131 0	10117 1	02570 1	00136 0
41,2570	54117 1	02534 1	50000 1	32575 1	04577 0	C' 61321 0	C' 62563 0	C' 60516 0
41,2600	C' 60603 1	C' 60614 1	C' 60621 1	C' 60524 1	C' 60623 0	C' 65143 1	C' 65216 1	C' 60621 1
41,2610	C' 60610 0	C' 60636 1	44711 0	02423 0	02457 0	33001 0	02336 0	02302 1
41,2620	33002 0	02336 0	02304 1	33003 1	02336 0	02306 0	46211 1	03004 0
41,2630	00006 1	32114 1	52006 0	34714 1	03070 0	50145 1	54000 0	34712 1
41,2640	03070 0	50145 1	54001 1	34711 1	03070 0	50145 1	54002 1	44716 1
41,2650	61002 1	00006 1	12654 0	02771 1	31003 0	04320 1	31005 0	00004 0
41,2660	00006 1	12670 0	50145 1	40000 0	71004 0	50145 1	26000 0	02675 1
41,2670	41004 0	50145 1	70000 0	50145 1	54000 0	00003 1	02771 1	44712 0
41,2700	02423 0	02457 0	33001 0	02336 0	02302 1	33002 0	02336 0	02304 1
41,2710	44715 1	03004 0	00006 1	32114 1	52006 0	34714 1	03070 0	50145 1
41,2720	54000 0	34712 1	03070 0	50145 1	54001 1	02771 1	02302 1	00006 1
41,2730	32114 1	52006 0	34714 1	03070 0	50145 1	54000 0	02771 1	44712 0
41,2740	02423 0	34674 0	55015 0	02304 1	00006 1	32114 1	52006 0	34712 1
41,2750	03070 0	50145 1	54001 1	02771 1	44711 0	02423 0	34674 0	55015 0
41,2760	02306 0	00006 1	32114 1	52006 0	34711 1	03070 0	50145 1	54002 1
41,2770	02771 1	34714 1	55000 1	44714 0	55014 1	44374 1	54777 1	04574 0



OCTAL LISTING FOR PARAGRAPH J 226, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED A1A (INTERPRETIVE OPERATOR WORDS) OR ACB (CONSTANTS)

41,3000	C' 81450 1	C' 00025 0	C' 00026 0	C' 00027 1	54117 1	41000 1	54021 0	40021 0
41,3010	40021 0	10000 0	13014 0	00002 0	60117 0	00006 1	13020 1	04161 0
41,3020	00002 0	56002 0	54114 1	34363 0	70147 1	04336 0	00114 0	56002 0
41,3030	54114 1	50117 0	33061 0	54001 1	50117 0	34362 1	70153 1	50001 0
41,3040	00000 1	00114 0	56002 0	54114 1	50140 1	03045 0	03064 0	50117 0
41,3050	33061 0	54001 1	50117 0	34362 1	70147 1	50001 0	00000 1	60000 1
41,3060	00114 0	03020 0	04336 0	04345 1	34362 1	70147 1	00000 1	00114 0
41,3070	54117 1	56002 0	54115 0	34714 1	54162 0	50117 0	57006 0	54155 1
41,3100	50117 0	57003 0	54154 0	50140 1	03104 1	03132 1	50117 0	30150 0
41,3110	74372 1	04317 0	00008 1	60117 0	54145 0	11000 1	03165 0	02451 0
41,3120	03027 1	02261 0	03150 0	24145 1	30145 1	26117 1	34714 1	50117 0
41,3130	53777 0	03150 0	04325 1	11000 1	03165 0	02451 0	03021 1	02261 0
41,3140	03144 0	34714 1	54117 1	03123 1	30146 1	64712 1	00006 1	13154 0
41,3150	56154 1	00115 1	C' 02128 0	C' 64101 0	44716 1	61017 0	00006 1	12771 0
41,3160	30154 1	00006 1	51017 0	01000 0	02771 1	03042 1	54123 0	00006 1
41,3170	33153 0	52006 0	50140 1	03173 1	03177 0	03027 1	03200 0	03021 1
41,3200	50000 1	33203 0	04577 0	C' 62347 0	C' 60774 0	C' 60714 0	C' 60764 1	C' 61017 0
41,3210	C' 61044 0	C' 61002 1	61017 0	C' 65365 1	C' 61323 1	C' 61051 1	C' 60777 0	C' 61323 1
41,3220	43227 1	71017 1	54155 1	40136 1	64233 1	10000 0	03235 0	C' 60000 1
41,3230	03235 0	34675 1	26155 1	34714 1	55022 1	36043 0	71001 0	04345 1
41,3240	54022 0	40022 0	56022 1	61002 1	54154 0	34714 1	55012 1	11042 1
41,3250	03252 1	04516 1	00004 0	11020 0	03261 1	34712 1	05140 1	C' 03265 0
41,3260	C' 62101 0	52155 1	53021 1	00003 1	00136 0	04414 1	11021 1	03273 1
41,3270	03273 1	03304 0	03304 0	33310 0	05140 1	C' 03265 0	C' 62101 0	34371 0
41,3300	05027 1	C' 03311 1	C' 62101 0	05213 1	34714 1	55020 0	55021 1	05213 1
41,3310	C' 00144 0	11021 1	03316 0	03316 0	05112 0	05112 0	11012 1	03341 1
41,3320	36043 0	71020 0	02316 1	34160 1	71020 0	63337 0	54023 1	30023 0
41,3330	55001 0	33340 0	54136 1	43227 1	71021 1	54156 1	02046 1	C' 75377 0
41,3340	C' 04140 0	04410 0	05112 0	34333 0	54777 1	31047 0	54001 1	31017 0
41,3350	04610 1	03353 1	05112 0	54022 0	56002 0	54115 0	34675 1	26777 1
41,3360	34710 0	54137 0	40022 0	40022 0	40022 0	40000 0	74716 1	50000 1
41,3370	34072 0	74362 0	54124 1	56777 0	54143 0	10000 0	54777 1	04574 0

OCDL LISTING FOR PARAGRAPH J 230, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" A DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACA (CONSTANTS)

42,2000	34752 0	54003 0	34676 1	05103 0	32081 1	04555 0	C' 20485 1	05423 1
42,2010	02012 0	02004 1	31488 1	74707 1	10000 0	12054 0	05447 0	C' 00212 0
42,2020	04555 0	C' 40146 0	32080 0	04555 0	C' 20485 1	05423 1	02030 0	02022 0
42,2030	31466 1	74371 1	00006 1	12046 0	40000 0	74371 1	00006 1	12046 0
42,2040	00004 0	04633 0	C' 13207 0	00003 1	04555 0	C' 40277 1	32057 1	04555 0
42,2050	C' 20485 1	05423 1	05423 1	02046 1	05435 0	C' 00212 0	02020 1	C' 01480 1
42,2060	C' 01457 0	C' 01056 0	52152 0	51002 1	32133 1	54146 0	51002 1	32277 1
42,2070	54147 1	41002 0	64726 0	00006 1	62100 1	34712 1	54140 0	02116 0
42,2100	34711 1	54140 0	51002 1	32777 1	54153 1	34747 1	70146 0	54002 1
42,2110	50000 1	32583 0	54150 1	00008 1	50002 0	32585 0	52152 0	52006 0
42,2120	52124 1	00006 1	50000 1	32514 0	52124 1	52006 0	52124 1	00006 1
42,2130	50000 1	32444 1	12124 0	C' 00000 1	C' 40000 0	C' 40000 0	C' 40000 0	C' 00000 1
42,2140	C' 01045 1	C' 01131 0	C' 01003 0	C' 01383 0	C' 00375 0	C' 77776 1	C' 00000 1	C' 01051 1
42,2150	C' 00000 1	C' 00000 1	C' 77777 0	C' 01051 1	C' 01333 0	C' 01155 1	C' 01155 1	C' 00032 0
42,2160	C' 00037 0	C' 01155 1	C' 00000 1	C' 01051 1	C' 01045 1	C' 01045 1	C' 01362 1	C' 00000 1
42,2170	C' 01045 1	C' 01045 1	C' 01045 1	C' 02345 1	C' 03412 0	C' 01045 1	C' 03660 1	C' 00024 1
42,2200	C' 03662 0	C' 01518 1	C' 02840 1	C' 64000 0	C' 02003 0	C' 24006 1	C' 24011 1	C' 64014 0
42,2210	C' 64017 0	C' 02022 0	C' 22025 0	C' 22030 1	C' 24033 1	C' 64036 0	C' 22041 1	C' 00044 1
42,2220	C' 24047 1	C' 24052 0	C' 24055 1	C' 22080 1	C' 20083 0	C' 24066 1	C' 24071 1	C' 24074 1
42,2230	C' 24077 1	C' 24102 1	C' 64105 1	C' 24110 1	C' 24113 1	C' 24116 1	C' 24121 0	C' 24124 0
42,2240	C' 24127 0	C' 04132 0	C' 04135 1	C' 24140 1	C' 00000 1	C' 00000 1	C' 00000 1	C' 00000 1
42,2250	C' 00000 1	C' 00000 1	C' 00000 1	C' 64170 0	C' 24173 1	C' 00000 1	C' 24201 1	C' 24204 1
42,2260	C' 24207 1	C' 24212 0	C' 02215 0	C' 24220 1	C' 24223 1	C' 24226 1	C' 02231 0	C' 02234 0
42,2270	C' 04237 0	C' 02242 1	C' 04245 0	C' 04250 1	C' 04253 1	C' 04256 1	C' 24261 1	C' 00000 1
42,2300	C' 04040 1	C' 04140 0	C' 04102 0	C' 00000 1	C' 00504 0	C' 02000 0	C' 04000 0	C' 04000 0
42,2310	C' 04000 0	C' 00000 1	C' 00000 1	C' 02000 0	C' 00000 1	C' 00000 1	C' 00000 1	C' 24400 0
42,2320	C' 04102 0	C' 04102 0	C' 04102 0	C' 04102 0	C' 04140 0	C' 04102 0	C' 00000 1	C' 24400 0
42,2330	C' 04140 0	C' 04000 0	C' 00140 1	C' 00000 1	C' 20102 0	C' 04140 0	C' 24400 0	C' 24400 0
42,2340	C' 24400 0	C' 24400 0	C' 24400 0	C' 24400 0	C' 24400 0	C' 24400 0	C' 24400 0	C' 24500 1
42,2350	C' 00542 1	C' 24410 1	C' 20204 0	C' 00410 1	C' 10000 0	C' 00000 1	C' 00308 1	C' 00814 1
42,2360	C' 00510 0	C' 00417 0	C' 00204 1	C' 00004 0	C' 10507 1	C' 10507 1	C' 10200 1	C' 00444 0
42,2370	C' 00010 0	C' 24510 0	C' 24512 1	C' 10440 0	C' 00204 1	C' 20451 0	C' 00457 1	C' 36460 0



OCTAL LISTING FOR PARAGRAPH J 231, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, "A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACA (CONSTANTS)

42,2400	C' 00000 1	C' 37044 0	C' 10217 1	C' 34444 1	C' 35004 0	C' 00000 1	C' 00000 1	C' 00404 1
42,2410	C' 00000 1	C' 00000 1	C' 00000 1	C' 00000 1	C' 00000 1	C' 00000 1	C' 00000 1	C' 22440 1
42,2420	C' 24512 1	C' 00000 1	C' 24512 1	C' 24512 1	C' 24512 1	C' 22451 1	C' 00102 1	C' 00000 1
42,2430	C' 16143 0	C' 10507 1	C' 00102 1	C' 00102 1	C' 06143 1	C' 00102 1	C' 04102 0	C' 04102 0
42,2440	C' 00000 1	C' 00000 1	C' 01182 0	C' 00006 1	C' 03240 1	C' 00000 1	C' 00000 1	C' 00000 1
42,2450	C' 00000 1	C' 10707 0	C' 03435 0	C' 13070 1	C' 34345 1	C' 00205 1	C' 21618 0	C' 28113 0
42,2460	C' 31713 0	C' 00070 0	C' 20460 1	C' 01085 0	C' 05740 1	C' 11414 0	C' 31483 1	C' 07475 0
42,2470	C' 16051 1	C' 00001 0	C' 03434 1	C' 00002 0	C' 22245 1	C' 00014 1	C' 35807 0	C' 07808 0
42,2500	C' 08300 1	C' 16831 1	C' 11307 0	C' 12000 1	C' 00000 1	C' 27178 1	C' 14235 0	C' 16102 0
42,2510	C' 14000 1	C' 07475 0	C' 16051 1	C' 05174 0	C' 13281 0	C' 00000 1	C' 00000 1	C' 00000 1
42,2520	C' 00000 1	C' 00714 0	C' 31483 1	C' 13412 1	C' 07534 1	C' 05805 1	C' 03858 1	C' 00001 0
42,2530	C' 16170 0	C' 00441 0	C' 34308 0	C' 07176 0	C' 21803 1	C' 15340 1	C' 15340 1	C' 01031 1
42,2540	C' 21032 0	C' 34831 1	C' 23148 0	C' 14340 0	C' 24145 1	C' 02383 0	C' 03721 0	C' 20373 1
42,2550	C' 02122 1	C' 00424 0	C' 30446 1	C' 00831 0	C' 23146 0	C' 00280 0	C' 08213 1	C' 11038 1
42,2560	C' 08144 0	C' 01031 1	C' 21032 0	C' 03660 1	C' 03853 1	C' 03425 1	C' 01045 1	C' 01048 1
42,2570	C' 00000 1	C' 02383 0	C' 02385 0	C' 03853 1	C' 01103 1	C' 01105 1	C' 01107 0	C' 02351 1
42,2600	C' 02353 0	C' 02343 1	C' 01125 0	C' 03660 1	C' 03825 0	C' 03088 1	C' 03087 0	C' 00000 1
42,2610	C' 03074 1	C' 03073 0	C' 00000 1	C' 03025 0	C' 03028 0	C' 00000 1	C' 03501 0	C' 03503 1
42,2620	C' 03505 1	C' 02355 0	C' 02353 0	C' 02343 1	C' 02320 1	C' 02322 0	C' 00000 1	C' 02832 1
42,2630	C' 00000 1	C' 00000 1	C' 02320 1	C' 02322 0	C' 02324 0	C' 02320 1	C' 02322 0	C' 02324 0
42,2640	C' 03845 0	C' 03743 1	C' 03753 0	C' 03833 1	C' 03831 0	C' 00000 1	C' 02810 1	C' 00000 1
42,2650	C' 00000 1	C' 02840 1	C' 02834 1	C' 02838 0	C' 02810 1	C' 02812 0	C' 02814 0	C' 03721 0
42,2660	C' 03768 0	C' 03770 1	C' 03400 0	C' 03402 1	C' 03328 0	C' 03722 0	C' 03738 0	C' 03734 1
42,2670	C' 03713 1	C' 03724 0	C' 03728 1	C' 03837 0	C' 03722 0	C' 03713 1	C' 00013 0	C' 00013 0
42,2700	C' 00013 0	C' 03315 0	C' 03875 0	C' 03715 1	C' 03713 1	C' 01103 1	C' 01105 1	C' 03315 0
42,2710	C' 03722 0	C' 03877 1	C' 03315 0	C' 03174 0	C' 03788 0	C' 00735 0	C' 02751 0	C' 02752 0
42,2720	C' 00735 0	C' 02751 0	C' 02752 0	C' 02818 1	C' 03753 0	C' 01132 0	C' 00000 1	C' 00000 1
42,2730	C' 00000 1	C' 00000 1	C' 00000 1	C' 00000 1	C' 00000 1	C' 00000 1	C' 00000 1	C' 00000 1
42,2740	C' 00000 1	C' 00000 1	C' 00000 1	C' 00000 1	C' 00000 1	C' 00000 1	C' 00000 1	C' 00000 1
42,2750	C' 00000 1	C' 00000 1	C' 00000 1	C' 03680 1	C' 03853 1	C' 03425 1	C' 03404 1	C' 03408 0
42,2760	C' 03410 1	C' 00000 1	C' 00000 1	C' 00000 1	C' 03874 1	C' 03878 0	C' 03700 0	C' 03537 0
42,2770	C' 03541 1	C' 03543 0	C' 03684 0	C' 03668 1	C' 03670 0	C' 03404 1	C' 03406 0	C' 03410 1

OCTAL LISTING FOR PARAGRAPH J 232, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED A1A (INTERPRETIVE OPERATOR WORDS) OR A2A (CONSTANTS)

42,3000	C' 03730 0	C' 03732 1	C' 00000 1	C' 02765 1	C' 02767 0	C' 02771 1	C' 01103 1	C' 02357 1
42,3010	C' 02361 1	C' 02320 1	C' 02322 0	C' 02324 0	C' 00036 1	C' 00035 1	C' 00000 1	C' 02773 0
42,3020	C' 02775 0	C' 00000 1	C' 02757 0	C' 02761 0	C' 02763 1	C' 03730 0	C' 03732 1	C' 00000 1
42,3030	C' 03722 0	C' 03723 1	C' 03724 0	C' 01333 0	C' 01334 1	C' 01335 0	C' 01045 1	C' 01046 1
42,3040	C' 01047 0	C' 01050 0	C' 01051 1	C' 01052 1	C' 02320 1	C' 02322 0	C' 02324 0	C' 16351 1
42,3050	C' 00142 0	C' 16347 0	C' 16512 0	C' 22347 1	C' 24454 1	C' 00000 1	C' 00553 1	C' 00143 1
42,3060	C' 06347 1	C' 22347 1	C' 00512 1	C' 00012 1	C' 24344 1	C' 24344 1	C' 24503 1	C' 00512 1
42,3070	C' 00007 0	C' 16347 0	C' 16347 0	C' 24503 1	C' 06512 1	C' 16512 0	C' 22507 0	C' 16505 0
42,3100	C' 20410 0	C' 16352 1	C' 24507 0	C' 24512 1	C' 24252 1	C' 00000 1	C' 00000 1	C' 06352 0
42,3110	C' 00000 1	C' 00000 1	C' 00000 1	C' 00000 1	C' 00000 1	C' 00000 1	C' 00000 1	C' 24511 1
42,3120	C' 16347 0	C' 00000 1	C' 16347 0	C' 16347 0	C' 16347 0	C' 24512 1	C' 00302 0	C' 02041 0
42,3130	C' 10347 0	C' 24344 1	C' 00302 0	C' 00302 0	C' 16347 0	C' 00302 0	C' 04102 0	C' 04102 0
42,3140	C' 06143 1	C' 06043 0	C' 06252 1	04555 0	C' 60853 1	07228 0	03332 0	07052 1
42,3150	C' 03204 1	34335 0	54777 1	04555 0	C' 61131 0	03350 1	33208 0	56154 1
42,3160	55007 0	33207 1	56155 0	04431 0	34334 1	54777 1	04555 0	C' 61131 0
42,3170	00008 1	33213 1	52155 1	31007 1	04431 0	34333 0	54777 1	04555 0
42,3200	C' 61131 0	00138 0	C' 25660 0	C' 31742 1	C' 01727 1	C' 01217 1	C' 00011 1	C' 32445 0
42,3210	C' 02104 0	C' 10422 1	C' 05174 0	C' 13261 0	C' 00000 1	C' 00082 0	04555 0	C' 60853 1
42,3220	07226 0	10154 0	03224 0	03255 0	63312 1	10000 0	03241 0	03255 0
42,3230	03255 0	10155 1	03234 1	03255 0	63313 0	10000 0	03241 0	03255 0
42,3240	03255 0	10154 0	33315 0	03252 1	43315 1	54154 0	43316 1	54155 1
42,3250	33314 1	03333 1	54154 0	33316 0	03247 0	03317 1	33310 0	07256 1
42,3260	46214 1	26777 1	04555 0	C' 61171 1	34714 1	54124 1	44711 0	50117 0
42,3270	64333 0	54143 0	04555 0	C' 61225 0	03350 1	56155 0	00006 1	73311 0
42,3300	52155 1	50117 0	34333 0	54777 1	04555 0	C' 61171 1	04574 0	C' 62565 0
42,3310	C' 23147 1	C' 23346 1	C' 77753 0	C' 41126 1	C' 03256 0	C' 00025 0	C' 37016 1	10155 1
42,3320	13327 0	13327 0	13323 1	00006 1	43215 0	20155 1	13332 1	00006 1
42,3330	33215 1	13325 1	56002 0	54144 1	07052 1	C' 03202 1	00006 1	30155 0
42,3340	53010 0	04420 0	04420 0	34714 1	56156 0	56155 0	56154 1	00144 0
42,3350	56002 0	54144 1	31010 1	00006 1	74710 1	00006 1	74676 0	22155 0
42,3360	31007 1	54154 0	07052 1	C' 03210 1	00144 0	03506 1	07052 1	C' 03447 0
42,3370	03456 0	34714 1	54156 1	33451 1	54154 0	33452 1	56155 0	07256 1

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED $\Delta I \Delta$ (INTERPRETIVE OPERATOR WORDS) OR $\Delta C \Delta$ (CONSTANTS)

[illegible]

OCTAL LISTING FOR PARAGRAPH J 234, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" A DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACB (CONSTANTS)

43,2000	50154 1	02002 1	02124 1	02150 1	02240 0	02412 1	03203 0	03206 0
43,2010	02516 1	03100 0	02536 0	12527 1	02275 0	02275 0	03153 0	02275 0
43,2020	02576 1	02326 1	02637 1	02573 1	02502 1	02275 0	02303 0	02311 0
43,2030	02314 0	02321 0	02472 1	02367 1	03032 0	03175 1	02505 0	02037 1
43,2040	03722 0	03724 0	03726 1	03730 0	02706 1	02712 1	03013 0	03016 0
43,2050	02400 1	03004 0	02700 1	02703 1	02546 1	02553 0	02120 0	02565 0
43,2060	02632 1	03021 1	03025 0	02732 0	03140 1	02751 0	02360 0	02742 1
43,2070	03124 0	02120 0	13146 0	02275 0	02120 0	02275 0	11044 1	02120 0
43,2100	30100 0	72123 1	10000 0	02120 0	34112 1	55044 1	30002 0	54155 1
43,2110	44711 0	04170 0	02113 0	00155 0	04400 1	05423 1	34714 1	02105 1
43,2120	04400 1	04574 0	C' 21176 1	C' 24100 0	02136 1	02127 1	02120 0	02271 1
43,2130	04555 0	C' 16516 1	04555 0	C' 17516 0	02135 1	02121 1	44112 0	61002 1
43,2140	00006 1	12470 1	24002 0	62147 1	00006 1	12470 1	02120 0	C' 77670 0
43,2150	02136 1	02153 1	02175 0	02271 1	02076 1	32173 0	04555 0	C' 20465 1
43,2160	05423 1	12162 1	32174 1	04555 0	C' 20746 0	04555 0	C' 16602 1	04555 0
43,2170	C' 17516 0	05423 1	05423 1	C' 06226 1	C' 12200 0	31323 1	02272 1	02076 1
43,2200	34751 0	54003 0	11314 1	02210 0	02205 1	04400 1	05537 0	C' 00115 1
43,2210	11303 1	02217 1	02217 1	02217 1	05537 0	C' 00117 0	05423 1	32237 0
43,2220	04555 0	C' 20465 1	05423 1	02224 1	31773 0	55161 1	31775 0	55160 0
43,2230	32174 1	04555 0	C' 20746 0	34712 1	55303 1	05423 1	05423 1	C' 06134 1
43,2240	02271 1	02076 1	32267 0	04555 0	C' 20465 1	05423 1	02247 1	32270 0
43,2250	04555 0	C' 20746 0	04555 0	C' 17012 1	04555 0	C' 17516 0	05423 1	32266 1
43,2260	04555 0	C' 17125 1	04555 0	C' 17516 0	05423 1	05423 1	C' 02757 0	C' 06335 1
43,2270	C' 12400 0	31322 0	00006 1	16711 1	02120 0	04447 1	34215 0	00006 1
43,2300	01007 1	04574 0	C' 62001 1	00006 1	30033 1	53334 0	30034 0	55335 1
43,2310	02121 1	05447 0	C' 00006 1	02121 1	05435 0	C' 00006 1	05435 0	C' 00220 1
43,2320	02121 1	05435 0	C' 00006 1	05447 0	C' 00220 1	02121 1	02076 1	32357 1
43,2330	04555 0	C' 20465 1	05423 1	05423 1	42356 1	60154 1	00006 1	12341 1
43,2340	05423 1	00004 0	34714 1	54156 1	54001 1	52025 1	52155 1	53052 0
43,2350	20155 1	07226 0	52155 1	20025 1	00003 1	05423 1	C' 00027 1	C' 06230 0
43,2360	02715 0	02721 1	34675 1	05042 1	C' 02002 1	C' 66065 1	02121 1	05253 0
43,2370	C' 00002 0	02120 0	00004 0	34763 1	05042 1	C' 02000 0	C' 66065 1	02121 1

OCTAL LISTING FOR PARAGRAPH J 235, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" A DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED #1A (INTERPRETIVE OPERATOR WORDS) OR #CA (CONSTANTS)

43,2400	05253 0	C' 00002 0	02120 0	34763 1	05042 1	C' 03736 0	C' 66065 1	05301 0
43,2410	C' 00174 0	02121 1	02715 0	32471 1	00006 1	02012 0	10000 0	12120 1
43,2420	02457 0	02076 1	44726 1	00006 1	03012 1	32173 0	04555 0	C' 20465 1
43,2430	12444 0	02432 0	34752 0	54003 0	04555 0	C' 42427 0	04555 0	C' 42446 1
43,2440	34711 1	05140 1	C' 02447 1	C' 66106 0	02457 0	15423 0	02121 1	00006 1
43,2450	31156 1	53477 0	31157 0	55500 1	04633 0	C' 42462 1	05213 1	34706 1
43,2460	70101 0	10000 0	00002 0	34706 1	00006 1	02030 0	10000 0	16706 1
43,2470	00002 0	C' 00030 1	02715 0	02076 1	00004 0	34677 0	05042 1	C' 03565 1
43,2500	C' 64104 0	05112 0	05447 0	C' 00020 0	02121 1	40102 0	74105 0	00006 1
43,2510	62120 0	34371 0	05027 1	C' 03446 1	C' 40106 1	02121 1	40102 0	74105 0
43,2520	00006 1	62523 1	02120 0	34752 0	54003 0	04574 0	C' 65521 1	02715 0
43,2530	02076 1	34676 1	05042 1	C' 02330 0	C' 56102 1	05112 0	40102 0	74105 0
43,2540	00006 1	62543 1	02120 0	02076 1	04555 0	C' 64000 0	02076 1	34756 1
43,2550	05103 0	04574 0	C' 46332 1	02076 1	00004 0	40105 1	74707 1	28105 1
43,2560	34754 0	05027 1	C' 03150 0	C' 72064 0	05112 0	02076 1	00004 0	44707 1
43,2570	70105 1	54105 1	02560 0	05447 0	C' 00025 0	02600 0	05435 0	C' 00025 0
43,2600	02076 1	30074 1	74704 1	00006 1	12627 1	30075 0	74706 0	00006 1
43,2610	12627 1	30075 0	74702 1	00006 1	12622 1	34763 1	05027 1	C' 02447 1
43,2620	C' 76067 1	05112 0	34763 1	05027 1	C' 02445 0	C' 76067 1	05112 0	05537 0
43,2630	C' 00406 0	05423 1	34753 1	56003 1	37716 0	55725 1	02121 1	34704 0
43,2640	70074 0	00006 1	12121 0	05447 0	C' 00010 0	34706 1	70075 1	00006 1
43,2650	12121 0	05447 0	C' 00031 0	05447 0	C' 00027 1	05447 0	C' 00007 0	34752 0
43,2660	54003 0	00004 0	04555 0	C' 45245 0	37716 0	55303 1	06006 1	I' 77624 1
43,2670	C' 27371 1	I' 77776 1	05261 1	C' 00002 0	C' 00001 0	00004 0	04574 0	C' 12641 1
43,2700	05447 0	C' 00026 0	12121 0	05435 0	C' 00026 0	12121 0	32711 1	54335 0
43,2710	02121 1	C' 03543 0	05435 0	C' 00125 1	02121 1	31011 0	00006 1	16711 1
43,2720	12120 1	00006 1	32731 0	53313 0	44105 0	70102 0	54102 0	00002 0
43,2730	C' 03143 1	C' 12106 0	02715 0	02076 1	00004 0	34676 1	05042 1	C' 03601 0
43,2740	C' 70064 1	15112 1	00004 0	44712 0	70101 0	54101 0	05447 0	C' 00066 1
43,2750	02121 1	02715 0	02076 1	34712 1	55376 0	34714 1	55362 0	33243 1
43,2760	55361 0	03520 0	23372 0	23373 1	33242 0	54156 1	32777 1	04555 0
43,2770	C' 20465 1	02774 1	03631 0	02764 0	33243 1	55371 1	05423 1	C' 01201 0



OCTAL LISTING FOR PARAGRAPH J 236, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" A DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACB (CONSTANTS)

43,3000	31376 1	00008 1	13334 1	03520 0	02715 0	02076 1	34754 0	05042 1
43,3010	C' 03215 1	C' 82084 1	05112 0	05435 0	C' 00120 1	02121 1	05447 0	C' 00120 1
43,3020	02121 1	08008 1	I' 77414 0	C' 04466 1	02121 1	08008 1	I' 77414 0	C' 04666 0
43,3030	05520 0	02121 1	34876 1	05042 1	C' 03037 0	C' 66103 0	05112 0	06006 1
43,3040	I' 77624 1	C' 27371 1	I' 43014 0	C' 04064 1	C' 04303 0	C' 67050 0	I' 77614 1	C' 04264 0
43,3050	I' 77776 1	33076 0	05475 1	C' 01554 1	C' 01828 1	00003 1	06006 1	I' 77624 1
43,3060	C' 26862 1	I' 45154 0	C' 02150 1	C' 20237 0	I' 77624 1	C' 20283 1	I' 77776 1	33077 1
43,3070	50120 1	54052 1	04574 0	C' 27406 0	I' 77634 0	C' 21176 1	C' 00051 0	C' 67074 0
43,3100	34676 1	05042 1	C' 03105 0	C' 66103 0	05112 0	08006 1	I' 77624 1	C' 27371 1
43,3110	I' 43014 0	C' 04063 0	C' 04304 1	C' 67116 0	I' 77614 1	C' 04263 1	I' 77776 1	33076 0
43,3120	05475 1	C' 01828 1	C' 01554 1	13055 0	34700 1	70105 1	00006 1	12120 1
43,3130	05447 0	C' 00213 1	05253 0	C' 00027 1	02120 0	05301 0	C' 00112 0	02675 1
43,3140	02076 1	34756 1	05042 1	C' 02746 0	C' 10104 0	15112 1	05435 0	C' 00221 0
43,3150	34714 1	04574 0	C' 10010 1	05253 0	C' 00028 0	02120 0	33174 0	54003 0
43,3160	44756 0	71751 1	55751 1	31330 0	54021 0	30021 1	30021 1	74756 0
43,3170	40000 0	64754 0	27751 1	02121 1	C' 02751 0	02076 1	34754 0	05042 1
43,3200	C' 03574 1	C' 60105 0	05112 0	05435 0	C' 00177 0	12121 0	05447 0	C' 00177 0
43,3210	12121 0	00006 1	33227 0	00004 0	53313 0	34872 0	54030 0	40102 0
43,3220	74105 0	26102 0	04633 0	C' 42616 0	00003 1	02121 1	C' 02765 1	C' 46106 1
43,3230	C' 00061 0	C' 01373 1	C' 01461 0	C' 01773 0	C' 00060 1	C' 60017 1	C' 17777 0	C' 25252 0
43,3240	C' 52400 1	C' 76777 1	C' 01371 0	C' 03334 0	31360 0	00006 1	13255 1	00006 1
43,3250	31376 1	51377 0	52001 1	34714 1	55360 1	00004 0	30002 0	55357 0
43,3260	55363 1	25365 0	05541 1	C' 01102 0	11362 0	34714 1	55362 0	03334 0
43,3270	01357 1	10000 0	13244 1	13244 1	10000 0	13244 1	00002 0	00006 1
43,3300	23371 0	03330 1	11382 0	03310 0	03301 0	03310 0	25366 0	01371 0
43,3310	65630 1	00006 1	63314 1	03265 0	25366 0	64716 0	50000 1	03320 0
43,3320	01371 0	01371 0	01371 0	03335 1	03516 0	01371 0	01371 0	01371 0
43,3330	00006 1	23361 1	04574 0	C' 03231 1	03277 0	34712 1	55372 1	34714 1
43,3340	54003 0	33232 1	55377 1	34747 1	55373 0	03365 1	34744 1	55377 1
43,3350	34747 1	55373 0	03365 1	34744 1	55377 1	33233 0	55373 0	03365 1
43,3360	55372 1	33230 0	55377 1	33231 1	55373 0	00004 0	30003 1	55374 1
43,3370	00006 1	51377 0	30001 0	53376 0	31377 0	55360 1	54001 1	24001 0



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07,2746	TO 07,3011 1394	10,2616	TO 10,2656 1437	11,3530	TO 11,3605 1316	13,2373	TO 13,2430 1206
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15,2000 TO 15,2003	694	16,2110 TO 16,2127	686	17,2164 TO 17,2212	902	20,2277 TO 20,2326	691
15,2004 TO 15,2064	695	16,2130 TO 16,2147	675	17,2213 TO 17,2263	964	20,2327 TO 20,2375	924
15,2065 TO 15,2146	696	16,2150 TO 16,2230	676	17,2264 TO 17,2342	965	20,2376 TO 20,2446	925
15,2147 TO 15,2156	697	16,2231 TO 16,2256	677	17,2343 TO 17,2404	966	20,2447 TO 20,2515	926
15,2157 TO 15,2200	705	16,2257 TO 16,2277	679	17,2405 TO 17,2455	967	20,2516 TO 20,2557	927
15,2201 TO 15,2202	706	16,2300 TO 16,2360	680	17,2456 TO 17,2533	968	20,2560 TO 20,2625	928
15,2203 TO 15,2235	714	16,2361 TO 16,2403	681	17,2534 TO 17,2576	969	20,2626 TO 20,2631	929
15,2236 TO 15,2251	717	16,2404 TO 16,2437	682	17,2577 TO 17,2645	1010	20,2632 TO 20,2675	930
15,2252 TO 15,2270	735	16,2440 TO 16,2504	683	17,2646 TO 17,2710	1011	20,2676 TO 20,2746	931
15,2271 TO 15,2351	736	16,2505 TO 16,2525	697	17,2711 TO 17,2740	1012	20,2747 TO 20,3017	932
15,2352 TO 15,2433	737	16,2526 TO 16,2566	698	17,2741 TO 17,2773	1013	20,3020 TO 20,3035	933
15,2434 TO 15,2453	738	16,2567 TO 16,2635	718	17,2774 TO 17,3033	1014	20,3036 TO 20,3103	934
15,2454 TO 15,2505	1034	16,2636 TO 16,2657	734	17,3034 TO 17,3072	1015	20,3104 TO 20,3110	935
15,2506 TO 15,2541	1035	16,2660 TO 16,2707	904	17,3073 TO 17,3146	1016	20,3111 TO 20,3151	936
15,2542 TO 15,2555	1036	16,2710 TO 16,2757	905	17,3147 TO 17,3154	1017	20,3152 TO 20,3214	937
15,2556 TO 15,2610	1041	16,2760 TO 16,3027	906	17,3155 TO 17,3173	1018	20,3215 TO 20,3285	938
15,2611 TO 15,2660	1042	16,3030 TO 16,3071	907	17,3174 TO 17,3175	1019	20,3286 TO 20,3344	939
15,2661 TO 15,2704	1043	16,3072 TO 16,3137	908	17,3176 TO 17,3210	1020	20,3345 TO 20,3412	940
15,2705 TO 15,2750	1044	16,3140 TO 16,3144	909	17,3211 TO 17,3245	1021	20,3413 TO 20,3433	941
15,2751 TO 15,3015	1045	16,3145 TO 16,3164	910	17,3246 TO 17,3254	1022	20,3434 TO 20,3445	942
15,3016 TO 15,3053	1046	16,3165 TO 16,3165	917	17,3255 TO 17,3320	1023	20,3446 TO 20,3474	945
15,3054 TO 15,3077	1047	16,3166 TO 16,3231	916	17,3321 TO 17,3374	1024	20,3475 TO 20,3524	946



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20,3565 TO 20,3622	1037	21,3713 TO 21,3736	1006	22,3744 TO 22,3771	1463	23,3675 TO 23,3724	1340
20,3623 TO 20,3644	1036	21,3737 TO 21,3750	1007	22,3772 TO 22,3773	28	23,3725 TO 23,3726	28
20,3645 TO 20,3705	1039	21,3751 TO 21,3752	26	23,2000 TO 23,2033	280	24,2000 TO 24,2001	32
20,3706 TO 20,3712	1040	22,2000 TO 22,2051	392	23,2034 TO 23,2052	281	24,2002 TO 24,2044	640
20,3713 TO 20,3714	26	22,2052 TO 22,2124	393	23,2053 TO 23,2115	282	24,2045 TO 24,2113	641
21,2000	691	22,2125 TO 22,2177	394	23,2116 TO 23,2154	283	24,2114 TO 24,2167	642
21,2001 TO 21,2025	692	22,2200 TO 22,2280	395	23,2155 TO 23,2212	286	24,2170 TO 24,2234	643
21,2026 TO 21,2061	970	22,2261 TO 22,2303	396	23,2213 TO 23,2214	287	24,2235 TO 24,2277	644
21,2062 TO 21,2070	971	22,2304 TO 22,2360	397	23,2215 TO 23,2264	289	24,2300 TO 24,2353	645
21,2071 TO 21,2132	973	22,2361 TO 22,2427	396	23,2265 TO 23,2322	290	24,2354 TO 24,2407	646
21,2133 TO 21,2154	974	22,2430 TO 22,2511	399	23,2323 TO 23,2331	291	24,2410 TO 24,2453	647
21,2155 TO 21,2214	975	22,2512 TO 22,2544	400	23,2332 TO 23,2364	506	24,2454 TO 24,2501	648
21,2215 TO 21,2271	976	22,2545 TO 22,2623	401	23,2365 TO 23,2441	507	24,2502 TO 24,2520	649
21,2272 TO 21,2345	977	22,2624 TO 22,2654	402	23,2442 TO 23,2515	506	24,2521 TO 24,2536	650
21,2346 TO 21,2357	978	22,2655 TO 22,2724	403	23,2516 TO 23,2565	509	24,2537 TO 24,2604	651
21,2360 TO 21,2374	979	22,2725 TO 22,2735	404	23,2566 TO 23,2640	510	24,2605 TO 24,2653	652
21,2375 TO 21,2403	980	22,2736 TO 22,3002	405	23,2641 TO 23,2666	511	24,2654 TO 24,2715	653
21,2404 TO 21,2451	982	22,3003 TO 22,3028	406	23,2667 TO 23,2727	513	24,2716 TO 24,2762	654
21,2452 TO 21,2525	983	22,3027 TO 22,3073	407	23,2730 TO 23,2764	514	24,2763 TO 24,3034	655
21,2526 TO 21,2527	984	22,3074 TO 22,3146	408	23,2765 TO 23,3025	539	24,3035 TO 24,3112	656
21,2530 TO 21,2556	985	22,3147 TO 22,3224	409	23,3026 TO 23,3046	540	24,3113 TO 24,3170	657
21,2557 TO 21,2620	986	22,3225 TO 22,3231	410	23,3047 TO 23,3104	566	24,3171	658
21,2621 TO 21,2661	987	22,3232 TO 22,3300	411	23,3105 TO 23,3107	567	24,3172 TO 24,3236	659
21,2662 TO 21,2715	988	22,3301 TO 22,3307	412	23,3110 TO 23,3135	566	24,3237 TO 24,3243	660
21,2716 TO 21,2783	989	22,3310 TO 22,3337	488	23,3136 TO 23,3137	606	24,3244 TO 24,3310	661
21,2784 TO 21,3035	990	22,3340 TO 22,3353	489	23,3140 TO 23,3174	1323	24,3311 TO 24,3356	662
21,3036 TO 21,3057	991	22,3354 TO 22,3411	490	23,3175 TO 23,3210	1324	24,3357 TO 24,3424	663
21,3060 TO 21,3134	992	22,3412 TO 22,3421	491	23,3211 TO 23,3243	1325	24,3425 TO 24,3471	664
21,3135 TO 21,3205	993	22,3422 TO 22,3425	492	23,3244 TO 23,3310	1327	24,3472 TO 24,3511	665
21,3206 TO 21,3233	994	22,3426 TO 22,3434	673	23,3311 TO 23,3333	1326	24,3512 TO 24,3521	670
21,3234 TO 21,3277	996	22,3435 TO 22,3443	674	23,3334 TO 23,3373	1329	24,3522 TO 24,3577	671
21,3300 TO 21,3305	997	22,3444 TO 22,3501	1006	23,3374 TO 23,3425	1330	24,3600 TO 24,3661	672
21,3306 TO 21,3345	998	22,3502 TO 22,3504	1009	23,3426 TO 23,3431	1331	24,3662 TO 24,3676	673
21,3346 TO 21,3413	999	22,3505 TO 22,3541	1476	23,3432 TO 23,3445	1333	24,3677 TO 24,3702	691
21,3414 TO 21,3423	1000	22,3542 TO 22,3601	1477	23,3446 TO 23,3507	1334	24,3703 TO 24,3704	23
21,3424 TO 21,3502	1001	22,3602 TO 22,3606	1478	23,3510 TO 23,3540	1335	25,2000 TO 25,2023	793
21,3503 TO 21,3560	1002	22,3607 TO 22,3647	1479	23,3541 TO 23,3570	1336	25,2024 TO 25,2074	799
21,3561 TO 21,3635	1003	22,3650 TO 22,3654	1460	23,3571 TO 23,3610	1337	25,2075 TO 25,2114	800
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25,2165 TO 25,2234	603	26,2367 TO 26,2405	746	27,2126 TO 27,2177	367	30,2344 TO 30,2425	591
25,2235 TO 25,2257	604	26,2406 TO 26,2427	749	27,2200 TO 27,2252	366	30,2426 TO 30,2507	592
25,2260 TO 25,2316	607	26,2430 TO 26,2431	750	27,2253 TO 27,2326	369	30,2510 TO 30,2571	593
25,2317 TO 25,2361	608	26,2432 TO 26,2437	751	27,2327 TO 27,2342	390	30,2572 TO 30,2653	594
25,2362 TO 25,2431	609	26,2440 TO 26,2472	752	27,2330 TO 27,2342	391	30,2654 TO 30,2735	595
25,2432 TO 25,2503	610	26,2473 TO 26,2476	753	27,2343 TO 27,2423	576	30,2736 TO 30,3017	596
25,2504 TO 25,2556	611	26,2477 TO 26,2525	754	27,2424 TO 27,2505	577	30,3020 TO 30,3101	597
25,2557 TO 25,2562	612	26,2526 TO 26,2527	755	27,2506 TO 27,2567	576	30,3102 TO 30,3163	596
25,2563 TO 25,2630	613	26,2530 TO 26,2542	756	27,2570 TO 27,2572	579	30,3164 TO 30,3244	599
25,2631 TO 25,2676	614	26,2543 TO 26,2547	757	27,2573 TO 27,2606	769	30,3245 TO 30,3325	600
25,2677 TO 25,2742	615	26,2550 TO 26,2620	758	27,2607 TO 27,2632	770	30,3326 TO 30,3400	601
25,2743 TO 25,3005	616	26,2621 TO 26,2647	759	27,2633 TO 27,2661	663	30,3401 TO 30,3462	602
25,3006 TO 25,3024	617	26,2650 TO 26,2706	762	27,2662 TO 27,2706	1300	30,3463 TO 30,3544	603
25,3025 TO 25,3071	616	26,2707 TO 26,2747	763	27,2707 TO 27,2747	1301	30,3545 TO 30,3626	604
25,3072 TO 25,3143	619	26,2750 TO 26,3016	764	27,2750 TO 27,2777	1344	30,3627 TO 30,3656	605
25,3144 TO 25,3212	620	26,3017 TO 26,3026	765	27,3000 TO 27,3016	1345	30,3657 TO 30,3712	606
25,3213 TO 25,3263	621	26,3027 TO 26,3044	766	27,3017 TO 27,3054	1347	30,3713 TO 30,3761	609
25,3264 TO 25,3304	622	26,3045 TO 26,3072	766	27,3055 TO 27,3123	1350	30,3762 TO 30,3775	694
25,3305 TO 25,3324	623	26,3073 TO 26,3134	805	27,3124 TO 27,3164	1351	30,3776 TO 30,3776	29
25,3325 TO 25,3367	624	26,3135 TO 26,3143	606	27,3165 TO 27,3234	1352	31,2000 TO 31,2006	500
25,3370 TO 25,3445	625	26,3144 TO 26,3170	633	27,3235 TO 27,3301	1353	31,2007 TO 31,2020	501
25,3446 TO 25,3517	626	26,3171 TO 26,3250	634	27,3302 TO 27,3324	1354	31,2021 TO 31,2047	610
25,3520 TO 25,3574	627	26,3251 TO 26,3320	835	27,3325 TO 27,3343	1355	31,2050 TO 31,2131	611
25,3575 TO 25,3604	626	26,3321 TO 26,3340	1175	27,3344 TO 27,3363	1356	31,2132 TO 31,2212	612
25,3605 TO 25,3630	629	26,3341 TO 26,3363	1213	27,3364 TO 27,3374	1466	31,2213 TO 31,2272	613
25,3631 TO 25,3677	630	26,3364 TO 26,3365	1214	27,3375 TO 27,3445	1469	31,2273 TO 31,2354	614
25,3700 TO 25,3746	631	26,3366 TO 26,3415	1215	27,3446 TO 27,3510	1470	31,2355 TO 31,2363	615
25,3747 TO 25,3763	632	26,3416 TO 26,3450	1216	27,3511 TO 27,3551	1471	31,2364 TO 31,2444	616
25,3764 TO 25,3765	633	26,3451 TO 26,3532	1217	27,3552 TO 27,3620	1472	31,2445 TO 31,2526	617
25,3766 TO 25,3767	29	26,3533 TO 26,3567	1218	27,3621 TO 27,3671	1473	31,2527 TO 31,2610	618
26,2000 TO 26,2053	732	26,3570 TO 26,3621	1219	27,3672 TO 27,3732	1474	31,2611 TO 31,2672	619
26,2054 TO 26,2107	733	26,3622 TO 26,3632	1220	27,3733 TO 27,3753	1475	31,2673 TO 31,2754	620
26,2110 TO 26,2117	740	26,3633 TO 26,3654	1221	27,3754 TO 27,3755	29	31,2755 TO 31,3036	621
26,2120 TO 26,2201	741	26,3655 TO 26,3713	1414	30,2000 TO 30,2051	555	31,3037 TO 31,3101	622
26,2202 TO 26,2216	742	26,3714 TO 26,3747	1415	30,2052 TO 30,2133	556	31,3102 TO 31,3112	630
26,2217 TO 26,2227	743	26,3750 TO 26,3773	1416	30,2134 TO 30,2172	557	31,3113 TO 31,3153	631
26,2230 TO 26,2300	744	26,3774 TO 26,3775	29	30,2173 TO 30,2244	556	31,3154 TO 31,3200	632
26,2301 TO 26,2313	745	27,2000 TO 27,2034	363	30,2245 TO 30,2254	559	31,3201 TO 31,3214	633
26,2314 TO 26,2335	746	27,2035 TO 27,2104	364	30,2255 TO 30,2265	569	31,3215 TO 31,3267	609

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32,3352	TO 32,3413	8881	32,32755	TO 32,3758	90	34,2341	TO 34,2355	923	35,3052	TO 35,3072	474
32,3414	TO 32,3475	8882	32,32809	TO 33,2283	415	34,2368	TO 34,2412	925	35,3073	TO 35,3105	475
32,3476	TO 32,3525	8883	32,328004	TO 33,2341	416	34,2413	TO 34,2467	926	35,3106	TO 35,3124	476
32,3526	TO 32,3537	8884	32,328342	TO 33,2121	417	34,2478	TO 34,2511	927	35,3125	TO 35,3147	477
32,3540	TO 32,3511	8885	32,328722	TO 33,2177	418	34,2512	TO 34,2555	928	35,3150	TO 35,3217	486
32,3512	TO 32,3573	8886	32,328209	TO 33,2289	419	34,2554	TO 34,2537	929	35,3220	TO 35,3301	487
32,3574	TO 32,3755	8887	32,328261	TO 33,2275	420	34,2649	TO 34,2721	930	35,3302	TO 35,3311	488
32,3756	TO 32,3785	8888	32,328276	TO 33,2351	421	34,2722	TO 34,3053	932	35,3312	TO 35,3361	489
32,3786	TO 32,3787	8889	32,328352	TO 33,2357	422	34,3054	TO 34,3225	933	35,3362	TO 35,3430	520
32,2000	TO 32,2006	4823	32,328370	TO 33,2428	423	34,3058	TO 34,3147	934	35,3431	TO 35,3453	549
32,2017	TO 32,2043	4824	32,328377	TO 33,2452	424	34,3150	TO 34,3224	935	35,3454	TO 35,3533	550
32,2044	TO 32,2120	4825	32,328383	TO 33,2517	427	34,3225	TO 34,3230	936	35,3534	TO 35,3543	551
32,2121	TO 32,2173	4826	32,328520	TO 33,2521	428	34,3231	TO 34,3355	938	35,3544	TO 35,3603	526
32,2174	TO 32,2254	4827	32,328522	TO 33,2567	429	34,3356	TO 34,3355	939	35,3604	TO 35,3615	527
32,2255	TO 32,2271	4828	32,328570	TO 33,2632	430	34,3356	TO 34,3433	940	35,3616	TO 35,3673	528
32,2272	TO 32,2310	4829	32,328633	TO 33,2678	431	34,3434	TO 34,3514	946	35,3674	TO 35,3725	529
32,2311	TO 32,2325	4830	32,328671	TO 33,2745	432	34,3515	TO 34,3577	947	35,3726	TO 35,3754	539
32,2326	TO 32,2407	4831	32,328746	TO 33,3023	433	34,3578	TO 34,3600	948	35,3755	TO 35,3764	485
32,2410	TO 32,2426	4837	32,328804	TO 33,3073	434	34,3601	TO 34,3641	949	35,3765	TO 35,3772	486
32,2427	TO 32,2445	4838	32,328874	TO 33,3133	435	34,3642	TO 34,3651	950	35,3773	TO 35,3774	30
32,2446	TO 32,2514	4839	32,328934	TO 33,3255	436	34,3652	TO 34,3725	954	35,2000	TO 35,2013	541
32,2515	TO 32,2534	4841	32,328966	TO 33,3265	437	34,3726	TO 34,3774	955	35,2014	TO 35,2075	542
32,2555	TO 32,2633	4842	32,328966	TO 33,3365	438	34,3775	TO 34,3776	30	35,2076	TO 35,2155	543
32,2634	TO 32,2715	4843	32,328436	TO 33,3416	439	35,2009	TO 35,2032	455	35,2156	TO 35,2235	544
32,2716	TO 32,2774	4844	32,328417	TO 33,3424	440	35,2033	TO 35,2113	456	35,2236	TO 35,2314	545
32,2775	TO 32,3050	4845	32,328425	TO 33,3476	442	35,2114	TO 35,2152	457	35,2315	TO 35,2375	546
32,3051	TO 32,3054	4846	32,328477	TO 33,3551	443	35,2153	TO 35,2211	458	35,2376	TO 35,2458	547
32,3055	TO 32,3120	4848	32,328552	TO 33,3624	444	35,2212	TO 35,2271	461	35,2457	TO 35,2501	548
32,3121	TO 32,3135	4849	32,328525	TO 33,3643	445	35,2272	TO 35,2353	462	35,2502	TO 35,2527	444
32,3136	TO 32,3201	4851	32,328541	TO 33,3713	446	35,2354	TO 35,2435	463	35,2530	TO 35,2511	445
32,3202	TO 32,3253	4852	32,328574	TO 33,3771	447	35,2436	TO 35,2517	464	35,2512	TO 35,2573	446
32,3254	TO 32,3335	4853	32,328712	TO 33,3773	30	35,2529	TO 35,2521	465	35,2574	TO 35,2755	447
32,3336	TO 32,3411	4854	34,200000	TO 34,2001	32	35,2522	TO 35,2533	466	35,2756	TO 35,3031	448
32,3412	TO 32,3467	4855	34,200002	TO 34,2025	525	35,2534	TO 35,2511	467	35,3032	TO 35,3113	449
32,3470	TO 32,3477	4856	34,200026	TO 34,2074	527	35,2512	TO 35,2516	468	35,3114	TO 35,3175	450
32,3500	TO 32,3532	4858	34,200075	TO 34,2154	528	35,2517	TO 35,2551	469	35,3176	TO 35,3246	451
32,3553	TO 32,3531	4859	34,215315	TO 34,2227	529	35,2562	TO 35,2566	470	35,3250	TO 35,3267	1222
32,3532	TO 32,3700	4860	34,222230	TO 34,2273	530	35,2567	TO 35,2741	471	35,3270	TO 35,3357	1223
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